

ПРИЛОЖЕНИЕ

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Приложение 1. Набор белков, выявленных в образце сыворотки.

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
A0A0C4DGB6	Serum albumin (A0A0C4DGB6_HUMAN)	52
A0A087WWT3	Serum albumin (A0A087WWT3_HUMAN)	31
P01024	Complement C3 (CO3_HUMAN)	26
P01023	Alpha-2-macroglobulin (A2MG_HUMAN)	25
P02787	Serotransferrin (TRFE_HUMAN)	23
P02675	Fibrinogen beta chain (FIBB_HUMAN)	18
A0A024R6I7	Alpha-1-antitrypsin (A0A024R6I7_HUMAN)	14
P02647	Apolipoprotein A-I (APOA1_HUMAN)	14
P02671	Fibrinogen alpha chain (FIBA_HUMAN)	10
A0A087WU08	Haptoglobin (A0A087WU08_HUMAN)	9
C9JC84	Fibrinogen gamma chain (C9JC84_HUMAN)	9
P04264	Keratin, type II cytoskeletal 1 (K2C1_HUMAN)	8
P04114	Apolipoprotein B-100 (APOB_HUMAN)	7
P02790	Hemopexin (HEMO_HUMAN)	7
A0A0A0MS07	Immunoglobulin heavy constant gamma 1 (Fragment) (A0A0A0MS07_HUMAN)	7
A0A286YES1	Immunoglobulin heavy constant gamma 3 (Fragment) (A0A286YES1_HUMAN)	7
P02751	Fibronectin (FINC_HUMAN)	6
P08603	Complement factor H (CFAH_HUMAN)	6
P13645	Keratin, type I cytoskeletal 10 (K1C10_HUMAN)	6
P35908	Keratin, type II cytoskeletal 2 epidermal (K22E_HUMAN)	6
P01871	Immunoglobulin heavy constant mu (IGHM_HUMAN)	5
P19827	Inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1_HUMAN)	5
A0A0G2JPR0	Complement C4-A (A0A0G2JPR0_HUMAN)	5
E9PIT3	Prothrombin (E9PIT3_HUMAN)	5
A0A286YFY1	Immunoglobulin heavy constant alpha 1 (Fragment) (A0A286YFY1_HUMAN)	5
P02749	Beta-2-glycoprotein 1 (APOH_HUMAN)	4
P02763	Alpha-1-acid glycoprotein 1 (A1AG1_HUMAN)	4
P02753	Retinol-binding protein 4 (RET4_HUMAN)	4
P01834	Immunoglobulin kappa constant (IGKC_HUMAN)	4
P04217	Alpha-1B-glycoprotein (A1BG_HUMAN)	4
P02652	Apolipoprotein A-II (APOA2_HUMAN)	4
A0A0B4J231	Immunoglobulin lambda-like polypeptide 5 (A0A0B4J231_HUMAN)	4
B7ZKJ8	ITIH4 protein (B7ZKJ8_HUMAN)	4
A0M8Q6	Immunoglobulin lambda constant 7 (IGLC7_HUMAN)	4

P19823	Inter-alpha-trypsin inhibitor heavy chain H2 (ITIH2_HUMAN)	3
A0A286YHEY4	Immunoglobulin heavy constant gamma 2 (Fragment) (A0A286YHEY4_HUMAN)	3
P04196	Histidine-rich glycoprotein (HRG_HUMAN)	3
G3V3A0	Alpha-1-antichymotrypsin (G3V3A0_HUMAN)	3
P04004	Vitronectin (VTNC_HUMAN)	3
G3V595	Alpha-1-antichymotrypsin (Fragment) (G3V595_HUMAN)	3
A0A0G2JMB2	Immunoglobulin heavy constant alpha 2 (Fragment) (A0A0G2JMB2_HUMAN)	2
P19652	Alpha-1-acid glycoprotein 2 (A1AG2_HUMAN)	2
P01768	Immunoglobulin heavy variable 3-30 (HV330_HUMAN)	2
E9PFZ2	Ceruloplasmin (E9PFZ2_HUMAN)	2
P01008	Antithrombin-III (ANT3_HUMAN)	2
P01042	Kininogen-1 (KNG1_HUMAN)	2
P02760	Protein AMBP (AMBP_HUMAN)	2
C9JF17	Apolipoprotein D (Fragment) (C9JF17_HUMAN)	2
B4E1Z4	cDNA FLJ55673, highly similar to Complement factor B (EC 3.4.21.47) (B4E1Z4_HUMAN)	2
C9JV77	Alpha-2-HS-glycoprotein (C9JV77_HUMAN)	2
D6RBJ7	Vitamin D-binding protein (D6RBJ7_HUMAN)	2
P00747	Plasminogen (PLMN_HUMAN)	2
P04003	C4b-binding protein alpha chain (C4BPA_HUMAN)	2
B0YIW2	Apolipoprotein C-III (B0YIW2_HUMAN)	2
A0A087X0Q4	Immunoglobulin kappa variable 2-40 (A0A087X0Q4_HUMAN)	1
H0YAS8	Clusterin (Fragment) (H0YAS8_HUMAN)	1
P01019	Angiotensinogen (ANGT_HUMAN)	1
P02745	Complement C1q subcomponent subunit A (C1QA_HUMAN)	1
C9JA05	Immunoglobulin J chain (Fragment) (C9JA05_HUMAN)	1
D6R9B9	Protein furry homolog-like (Fragment) (D6R9B9_HUMAN)	1
P43652	Afamin (AFAM_HUMAN)	1
P0C7H8	Keratin-associated protein 2-3 (KRA23_HUMAN)	1
P05543	Thyroxine-binding globulin (THBG_HUMAN)	1
A0A0B4J1V1	Immunoglobulin heavy variable 3-21 (HV321_HUMAN)	1
A0A075B7D0	Immunoglobulin heavy variable 1/OR15-1 (non-functional) (Fragment) (A0A075B7D0_HUMAN)	1
F8W6P5	Hemoglobin subunit beta (Fragment) (F8W6P5_HUMAN)	1
P69905	Hemoglobin subunit alpha (HBA_HUMAN)	1
H0Y7L5	Apolipoprotein E (Fragment) (H0Y7L5_HUMAN)	1
A0A0B4J2B5	Immunoglobulin heavy variable 3/OR16-9 (non-functional) (Fragment) (A0A0B4J2B5_HUMAN)	1
P01602	Immunoglobulin kappa variable 1-5 (KV105_HUMAN)	1
P27169	Serum paraoxonase/arylesterase 1 (PON1_HUMAN)	1
A0A087WWY0	Apolipoprotein(a) (A0A087WWY0_HUMAN)	1
H3BMJ7	Haptoglobin (H3BMJ7_HUMAN)	1
A0A087WT59	Transthyretin (A0A087WT59_HUMAN)	1
O43866	CD5 antigen-like (CD5L_HUMAN)	1
J3KS17	Beta-2-glycoprotein 1 (Fragment) (J3KS17_HUMAN)	1

Приложение 2. Набор белков, выявленных в образце экзосомальной фракции, выделенном методом ультрацентрифугирования в градиенте сахарозы.

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
P01023	Alpha-2-macroglobulin (A2MG_HUMAN)	109
P01871	Immunoglobulin heavy constant mu (IGHM_HUMAN)	60
P04275	von Willebrand factor (VWF_HUMAN)	38
P02751	Fibronectin (FINC_HUMAN)	36
A0A0C4DGB6	Serum albumin (A0A0C4DGB6_HUMAN)	36
P01024	Complement C3 (CO3_HUMAN)	31
P02675	Fibrinogen beta chain (FIBB_HUMAN)	23
A0A087WWT3	Serum albumin (A0A087WWT3_HUMAN)	23
P02671	Fibrinogen alpha chain (FIBA_HUMAN)	22
P02647	Apolipoprotein A-I (APOA1_HUMAN)	19
P02787	Serotransferrin (TRFE_HUMAN)	18
P04003	C4b-binding protein alpha chain (C4BPA_HUMAN)	16
A0A0G2JL54	Complement C4-B (A0A0G2JL54_HUMAN)	13
A0A286YEY1	Immunoglobulin heavy constant alpha 1 (Fragment) (A0A286YEY1_HUMAN)	13
O43866	CD5 antigen-like (CD5L_HUMAN)	13
C9JC84	Fibrinogen gamma chain (C9JC84_HUMAN)	11
A0A0A0MRD9	Haptoglobin-related protein (A0A0A0MRD9_HUMAN)	9
A0A0B4J231	Immunoglobulin lambda-like polypeptide 5 (A0A0B4J231_HUMAN)	8
P01834	Immunoglobulin kappa constant (IGKC_HUMAN)	8
B4DPQ0	Complement C1r subcomponent (B4DPQ0_HUMAN)	8
P0DOY2	Immunoglobulin lambda constant 2 (IGLC2_HUMAN)	8
O14791	Apolipoprotein L1 (APOL1_HUMAN)	8
A0A087WU08	Haptoglobin (A0A087WU08_HUMAN)	8
J3KTC3	Haptoglobin-related protein (J3KTC3_HUMAN)	8
A0A0A0MS07	Immunoglobulin heavy constant gamma 1 (Fragment) (A0A0A0MS07_HUMAN)	7
A0A286YES1	Immunoglobulin heavy constant gamma 3 (Fragment) (A0A286YES1_HUMAN)	7
Q08380	Galectin-3-binding protein (LG3BP_HUMAN)	6
P04114	Apolipoprotein B-100 (APOB_HUMAN)	6
P01619	Immunoglobulin kappa variable 3-20 (KV320_HUMAN)	6
A0A0B4J1Y9	Immunoglobulin heavy variable 3-72 (HV372_HUMAN)	6
A0A0B4J1X5	Immunoglobulin heavy variable 3-74 (HV374_HUMAN)	6
E9PFZ2	Ceruloplasmin (E9PFZ2_HUMAN)	5
G5E9F8	Protein S (Alpha), isoform CRA_b (G5E9F8_HUMAN)	5
A0A087WXI2	IgGfc-binding protein (Fragment) (A0A087WXI2_HUMAN)	5
A0A0J9YX35	Immunoglobulin heavy variable 3-64D (HV64D_HUMAN)	5
P02649	Apolipoprotein E (APOE_HUMAN)	5
D6RD17	Immunoglobulin J chain (Fragment) (D6RD17_HUMAN)	5
P04264	Keratin, type II cytoskeletal 1 (K2C1_HUMAN)	5
A0A0C4DH25	Immunoglobulin kappa variable 3D-20 (KVD20_HUMAN)	4
A0A0C4DH38	Immunoglobulin heavy variable 5-51 (HV551_HUMAN)	4

A0A286YF91	IgG _{Fc} -binding protein (Fragment) (A0A286YF91_HUMAN)	4
A0M8Q6	Immunoglobulin lambda constant 7 (IGLC7_HUMAN)	4
A0A286YEY4	Immunoglobulin heavy constant gamma 2 (Fragment) (A0A286YEY4_HUMAN)	4
P01611	Immunoglobulin kappa variable 1D-12 (KVD12_HUMAN)	4
P07996	Thrombospondin-1 (TSP1_HUMAN)	4
A0A024R6I7	Alpha-1-antitrypsin (A0A024R6I7_HUMAN)	4
P01700	Immunoglobulin lambda variable 1-47 (LV147_HUMAN)	4
P02747	Complement C1q subcomponent subunit C (C1QC_HUMAN)	3
A0A0A0MS08	Immunoglobulin heavy constant gamma 1 (Fragment) (A0A0A0MS08_HUMAN)	3
F8W6P5	Hemoglobin subunit beta (Fragment) (F8W6P5_HUMAN)	3
P02652	Apolipoprotein A-II (APOA2_HUMAN)	3
P19827	Inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1_HUMAN)	3
H0YC35	Clusterin (Fragment) (H0YC35_HUMAN)	3
P04004	Vitronectin (VTNC_HUMAN)	3
A0A0B4J1V0	Immunoglobulin heavy variable 3-15 (HV315_HUMAN)	3
P19652	Alpha-1-acid glycoprotein 2 (A1AG2_HUMAN)	2
P01768	Immunoglobulin heavy variable 3-30 (HV330_HUMAN)	2
P02776	Platelet factor 4 (PLF4_HUMAN)	2
E5RG36	Clusterin (Fragment) (E5RG36_HUMAN)	2
A0A0B4J1V1	Immunoglobulin heavy variable 3-21 (HV321_HUMAN)	2
E9PBC5	Plasma kallikrein (E9PBC5_HUMAN)	2
O75636	Ficolin-3 (FCN3_HUMAN)	2
P00747	Plasminogen (PLMN_HUMAN)	2
P02790	Hemopexin (HEMO_HUMAN)	2
P35527	Keratin, type I cytoskeletal 9 (K1C9_HUMAN)	2
A0A0A0MSV6	Complement C1q subcomponent subunit B (Fragment) (A0A0A0MSV6_HUMAN)	2
P08514	Integrin alpha-IIb (ITA2B_HUMAN)	2
P01019	Angiotensinogen (ANGT_HUMAN)	2
P06727	Apolipoprotein A-IV (APOA4_HUMAN)	2
P01833	Polymeric immunoglobulin receptor (PIGR_HUMAN)	2
C9JV77	Alpha-2-HS-glycoprotein (C9JV77_HUMAN)	2
H7BXT0	Vitamin K-dependent protein S (Fragment) (H7BXT0_HUMAN)	2
P20851	C4b-binding protein beta chain (C4BPB_HUMAN)	2
A0A075B6K4	Immunoglobulin lambda variable 3-10 (LV310_HUMAN)	2
D6RBJ7	Vitamin D-binding protein (D6RBJ7_HUMAN)	2
P01593	Immunoglobulin kappa variable 1D-33 (KVD33_HUMAN)	2
P02042	Hemoglobin subunit delta (HBD_HUMAN)	2
A0A0B4J1V6	Immunoglobulin heavy variable 3-73 (HV373_HUMAN)	2
B0YIW2	Apolipoprotein C-III (B0YIW2_HUMAN)	2
P01743	Immunoglobulin heavy variable 1-46 (HV146_HUMAN)	2
B1AKG0	Complement factor H-related protein 1 (B1AKG0_HUMAN)	2
P01767	Immunoglobulin heavy variable 3-53 (HV353_HUMAN)	2
P35908	Keratin, type II cytoskeletal 2 epidermal (K22E_HUMAN)	2

P01782	Immunoglobulin heavy variable 3-9 (HV309_HUMAN)	2
P01714	Immunoglobulin lambda variable 3-19 (LV319_HUMAN)	2
P01824	Immunoglobulin heavy variable 4-39 (HV439_HUMAN)	1
A6PVK5	Coagulation factor XIII A chain (Fragment) (A6PVK5_HUMAN)	1
P06312	Immunoglobulin kappa variable 4-1 (KV401_HUMAN)	1
H0YAS8	Clusterin (Fragment) (H0YAS8_HUMAN)	1
O75556	Mammaglobin-B (SG2A1_HUMAN)	1
P19823	Inter-alpha-trypsin inhibitor heavy chain H2 (ITIH2_HUMAN)	1
A0A0C4DGT4	Lysophospholipid acyltransferase LPCAT4 (A0A0C4DGT4_HUMAN)	1
E9PGN7	Plasma protease C1 inhibitor (E9PGN7_HUMAN)	1
H3BMJ7	Haptoglobin (H3BMJ7_HUMAN)	1
P01602	Immunoglobulin kappa variable 1-5 (KV105_HUMAN)	1
P35542	Serum amyloid A-4 protein (SAA4_HUMAN)	1
A0A075B6S5	Immunoglobulin kappa variable 1-27 (KV127_HUMAN)	1
P08603	Complement factor H (CFAH_HUMAN)	1
P80748	Immunoglobulin lambda variable 3-21 (LV321_HUMAN)	1
P02745	Complement C1q subcomponent subunit A (C1QA_HUMAN)	1
A0A075B7B8	Immunoglobulin heavy variable 3/OR16-12 (non-functional) (Fragment) (A0A075B7B8_HUMAN)	1
P04196	Histidine-rich glycoprotein (HRG_HUMAN)	1
C9JV37	Prothrombin (Fragment) (C9JV37_HUMAN)	1
A0A075B6I0	Immunoglobulin lambda variable 8-61 (LV861_HUMAN)	1
P13645	Keratin, type I cytoskeletal 10 (K1C10_HUMAN)	1
E7EQR4	Ezrin (E7EQR4_HUMAN)	1
A0A087WWY0	Apolipoprotein(a) (A0A087WWY0_HUMAN)	1
P01764	Immunoglobulin heavy variable 3-23 (HV323_HUMAN)	1

Приложение 3. Набор белков, выявленных в образце надосадочной жидкости, отобранной после второго ультрацентрифугирования выделения экзосом методом ультрацентрифугирования в градиенте плотности сахарозы.

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
A0A0C4DGB6	Serum albumin (A0A0C4DGB6_HUMAN)	53
P01024	Complement C3 (CO3_HUMAN)	41
A0A087WWT3	Serum albumin (A0A087WWT3_HUMAN)	38
P01023	Alpha-2-macroglobulin (A2MG_HUMAN)	31
P02787	Serotransferrin (TRFE_HUMAN)	30
P02675	Fibrinogen beta chain (FIBB_HUMAN)	20
P02671	Fibrinogen alpha chain (FIBA_HUMAN)	17
P02647	Apolipoprotein A-I (APOA1_HUMAN)	16
P04114	Apolipoprotein B-100 (APOB_HUMAN)	16
A0A024R6I7	Alpha-1-antitrypsin (A0A024R6I7_HUMAN)	16
A0A286YES1	Immunoglobulin heavy constant gamma 3 (Fragment) (A0A286YES1_HUMAN)	12
C9JC84	Fibrinogen gamma chain (C9JC84_HUMAN)	12
A0A0G2JL54	Complement C4-B (A0A0G2JL54_HUMAN)	11
A0A286YEY4	Immunoglobulin heavy constant gamma 2 (Fragment) (A0A286YEY4_HUMAN)	11
A0A0A0MS07	Immunoglobulin heavy constant gamma 1 (Fragment) (A0A0A0MS07_HUMAN)	10
A0A286YFJ8	Immunoglobulin heavy constant gamma 4 (Fragment) (A0A286YFJ8_HUMAN)	8
P02652	Apolipoprotein A-II (APOA2_HUMAN)	8
E9PFZ2	Ceruloplasmin (E9PFZ2_HUMAN)	8
A0A087WU08	Haptoglobin (A0A087WU08_HUMAN)	8
P19823	Inter-alpha-trypsin inhibitor heavy chain H2 (ITIH2_HUMAN)	7
P0DOY2	Immunoglobulin lambda constant 2 (IGLC2_HUMAN)	7
A0A1B0GUU9	Immunoglobulin heavy constant mu (Fragment) (A0A1B0GUU9_HUMAN)	7
P02751	Fibronectin (FINC_HUMAN)	6
D6RF35	Vitamin D-binding protein (D6RF35_HUMAN)	6
E9PIT3	Prothrombin (E9PIT3_HUMAN)	6
P01834	Immunoglobulin kappa constant (IGKC_HUMAN)	6
P02790	Hemopexin (HEMO_HUMAN)	5
A0A286YEY1	Immunoglobulin heavy constant alpha 1 (Fragment) (A0A286YEY1_HUMAN)	5
P04004	Vitronectin (VTNC_HUMAN)	5
F8W6P5	Hemoglobin subunit beta (Fragment) (F8W6P5_HUMAN)	4
E9PGN7	Plasma protease C1 inhibitor (E9PGN7_HUMAN)	4
P00747	Plasminogen (PLMN_HUMAN)	4
P02649	Apolipoprotein E (APOE_HUMAN)	4
P01042	Kininogen-1 (KNG1_HUMAN)	4
P06727	Apolipoprotein A-IV (APOA4_HUMAN)	4
P04196	Histidine-rich glycoprotein (HRG_HUMAN)	4

P19827	Inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1_HUMAN)	4
P02760	Protein AMBP (AMBP_HUMAN)	3
A0A0C4DH25	Immunoglobulin kappa variable 3D-20 (KVD20_HUMAN)	3
P08603	Complement factor H (CFAH_HUMAN)	3
P04264	Keratin, type II cytoskeletal 1 (K2C1_HUMAN)	3
C9JV77	Alpha-2-HS-glycoprotein (C9JV77_HUMAN)	3
B7ZKJ8	ITIH4 protein (B7ZKJ8_HUMAN)	3
P01768	Immunoglobulin heavy variable 3-30 (HV330_HUMAN)	2
P02763	Alpha-1-acid glycoprotein 1 (A1AG1_HUMAN)	2
B4E1Z4	cDNA FLJ55673, highly similar to Complement factor B (EC 3.4.21.47) (B4E1Z4_HUMAN)	2
A0A0G2JPA8	Alpha-2-antiplasmin (A0A0G2JPA8_HUMAN)	2
P69905	Hemoglobin subunit alpha (HBA_HUMAN)	2
G3V3A0	Alpha-1-antichymotrypsin (G3V3A0_HUMAN)	2
H3BMJ7	Haptoglobin (H3BMJ7_HUMAN)	2
P35527	Keratin, type I cytoskeletal 9 (K1C9_HUMAN)	2
D6RD17	Immunoglobulin J chain (Fragment) (D6RD17_HUMAN)	2
A0A0G2JMB2	Immunoglobulin heavy constant alpha 2 (Fragment) (A0A0G2JMB2_HUMAN)	2
P01008	Antithrombin-III (ANT3_HUMAN)	2
C9JF17	Apolipoprotein D (Fragment) (C9JF17_HUMAN)	2
P04217	Alpha-1B-glycoprotein (A1BG_HUMAN)	2
A0A0B4J2B5	Immunoglobulin heavy variable 3/OR16-9 (non-functional) (Fragment) (A0A0B4J2B5_HUMAN)	2
P01619	Immunoglobulin kappa variable 3-20 (KV320_HUMAN)	2
P04003	C4b-binding protein alpha chain (C4BPA_HUMAN)	2
B0YIW2	Apolipoprotein C-III (B0YIW2_HUMAN)	2
P01700	Immunoglobulin lambda variable 1-47 (LV147_HUMAN)	2
Q8WXD2	Secretogranin-3 (SCG3_HUMAN)	1
A0A087X0Q4	Immunoglobulin kappa variable 2-40 (A0A087X0Q4_HUMAN)	1
P01593	Immunoglobulin kappa variable 1D-33 (KVD33_HUMAN)	1
E5RG36	Clusterin (Fragment) (E5RG36_HUMAN)	1
A0A0B4J1V1	Immunoglobulin heavy variable 3-21 (HV321_HUMAN)	1
A0A0C4DH34	Immunoglobulin heavy variable 4-28 (HV428_HUMAN)	1
A0A075B7F0	Immunoglobulin heavy variable 3/OR16-10 (non-functional) (Fragment) (A0A075B7F0_HUMAN)	1
P01762	Immunoglobulin heavy variable 3-11 (HV311_HUMAN)	1
A0A087WT59	Transthyretin (A0A087WT59_HUMAN)	1
O43866	CD5 antigen-like (CD5L_HUMAN)	1
P01602	Immunoglobulin kappa variable 1-5 (KV105_HUMAN)	1
P01019	Angiotensinogen (ANGT_HUMAN)	1
A0A0G2JQJ0	Immunoglobulin kappa variable 1D-8 (Fragment) (A0A0G2JQJ0_HUMAN)	1
P01031	Complement C5 (CO5_HUMAN)	1
A0A075B7D4	Immunoglobulin kappa variable 1/OR2-108 (non-functional) (Fragment) (A0A075B7D4_HUMAN)	1
P02753	Retinol-binding protein 4 (RET4_HUMAN)	1

P43652	Afamin (AFAM_HUMAN)	1
J3QLI0	Beta-2-glycoprotein 1 (Fragment) (J3QLI0_HUMAN)	1
P04275	von Willebrand factor (VWF_HUMAN)	1
O14791	Apolipoprotein L1 (APOL1_HUMAN)	1
P13645	Keratin, type I cytoskeletal 10 (K1C10_HUMAN)	1
E7ERK6	Clusterin (Fragment) (E7ERK6_HUMAN)	1
A0A087X232	Complement C1s subcomponent (A0A087X232_HUMAN)	1
G3V595	Alpha-1-antichymotrypsin (Fragment) (G3V595_HUMAN)	1
P01782	Immunoglobulin heavy variable 3-9 (HV309_HUMAN)	1

Набор белков, выявленных в образце экзосомальной фракции, выделенной методом преципитации с помощью коммерческого набора.

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
P04114	Apolipoprotein B-100 (APOB_HUMAN)	82
P01024	Complement C3 (CO3_HUMAN)	79
P02671	Fibrinogen alpha chain (FIBA_HUMAN)	68
A0A0C4DGB6	Serum albumin (A0A0C4DGB6_HUMAN)	64
P02675	Fibrinogen beta chain (FIBB_HUMAN)	58
P02751	Fibronectin (FINC_HUMAN)	53
P08603	Complement factor H (CFAH_HUMAN)	42
P02787	Serotransferrin (TRFE_HUMAN)	41
A0A087WWT3	Serum albumin (A0A087WWT3_HUMAN)	37
P0C0L5	Complement C4-B (CO4B_HUMAN)	32
A0A140TA29	Complement C4-B (A0A140TA29_HUMAN)	32
F5GXS0	Complement C4-B (F5GXS0_HUMAN)	32
A0A0G2JPR0	Complement C4-A (A0A0G2JPR0_HUMAN)	31
P00747	Plasminogen (PLMN_HUMAN)	28
A0A286YES1	Immunoglobulin heavy constant gamma 3 (Fragment) (A0A286YES1_HUMAN)	27
C9JC84	Fibrinogen gamma chain (C9JC84_HUMAN)	24
P01023	Alpha-2-macroglobulin (A2MG_HUMAN)	21
P04003	C4b-binding protein alpha chain (C4BPA_HUMAN)	19
P02647	Apolipoprotein A-I (APOA1_HUMAN)	17
A0A1B0GUU9	Immunoglobulin heavy constant mu (Fragment) (A0A1B0GUU9_HUMAN)	17
A0A0A0MS07	Immunoglobulin heavy constant gamma 1 (Fragment) (A0A0A0MS07_HUMAN)	16
P01031	Complement C5 (CO5_HUMAN)	15
A0A286YEY4	Immunoglobulin heavy constant gamma 2 (Fragment) (A0A286YEY4_HUMAN)	13
O43866	CD5 antigen-like (CD5L_HUMAN)	13
A0A286YEY1	Immunoglobulin heavy constant alpha 1 (Fragment) (A0A286YEY1_HUMAN)	12
P02790	Hemopexin (HEMO_HUMAN)	12
E9PFZ2	Ceruloplasmin (E9PFZ2_HUMAN)	12
P19827	Inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1_HUMAN)	12
P19823	Inter-alpha-trypsin inhibitor heavy chain H2 (ITIH2_HUMAN)	11
P08519	Apolipoprotein(a) (APOA_HUMAN)	11
E9PIT3	Prothrombin (E9PIT3_HUMAN)	11
P02649	Apolipoprotein E (APOE_HUMAN)	11
P06727	Apolipoprotein A-IV (APOA4_HUMAN)	11
A0A087WU08	Haptoglobin (A0A087WU08_HUMAN)	10
A0A024R6I7	Alpha-1-antitrypsin (A0A024R6I7_HUMAN)	10

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
P10643	Complement component C7 (CO7_HUMAN)	10
A0A286YFJ8	Immunoglobulin heavy constant gamma 4 (Fragment) (A0A286YFJ8_HUMAN)	9
P01591	Immunoglobulin J chain (IGJ_HUMAN)	9
D6RF35	Vitamin D-binding protein (D6RF35_HUMAN)	9
P0DOY2	Immunoglobulin lambda constant 2 (IGLC2_HUMAN)	9
P04004	Vitronectin (VTNC_HUMAN)	8
A0A0B4J231	Immunoglobulin lambda-like polypeptide 5 (A0A0B4J231_HUMAN)	7
P01008	Antithrombin-III (ANT3_HUMAN)	7
P05090	Apolipoprotein D (APOD_HUMAN)	7
P05160	Coagulation factor XIII B chain (F13B_HUMAN)	7
A0A0G2JMB2	Immunoglobulin heavy constant alpha 2 (Fragment) (A0A0G2JMB2_HUMAN)	6
Q03591	Complement factor H-related protein 1 (FHR1_HUMAN)	6
P01834	Immunoglobulin kappa constant (IGKC_HUMAN)	6
F8W6P5	Hemoglobin subunit beta (Fragment) (F8W6P5_HUMAN)	5
B4DPQ0	Complement C1r subcomponent (B4DPQ0_HUMAN)	5
A0A0C4DGL8	Haptoglobin (A0A0C4DGL8_HUMAN)	5
E9PAQ1	Properdin (E9PAQ1_HUMAN)	5
P01768	Immunoglobulin heavy variable 3-30 (HV330_HUMAN)	5
P02749	Beta-2-glycoprotein 1 (APOH_HUMAN)	5
P02747	Complement C1q subcomponent subunit C (C1QC_HUMAN)	5
E5RG36	Clusterin (Fragment) (E5RG36_HUMAN)	5
A0A0A0MSV6	Complement C1q subcomponent subunit B (Fragment) (A0A0A0MSV6_HUMAN)	5
P04217	Alpha-1B-glycoprotein (A1BG_HUMAN)	5
P04275	von Willebrand factor (VWF_HUMAN)	5
P04196	Histidine-rich glycoprotein (HRG_HUMAN)	5
G3V595	Alpha-1-antichymotrypsin (Fragment) (G3V595_HUMAN)	5
P01766	Immunoglobulin heavy variable 3-13 (HV313_HUMAN)	5
A0A0A0MRD9	Haptoglobin-related protein (A0A0A0MRD9_HUMAN)	4
A0A0J9YY99	Uncharacterized protein (Fragment) (A0A0J9YY99_HUMAN)	4
P01042	Kininogen-1 (KNG1_HUMAN)	4
E9PGN7	Plasma protease C1 inhibitor (E9PGN7_HUMAN)	4
C9JV77	Alpha-2-HS-glycoprotein (C9JV77_HUMAN)	4
A0A0A0MS51	Gelsolin (A0A0A0MS51_HUMAN)	4
P07357	Complement component C8 alpha chain (CO8A_HUMAN)	4
A0A0C4DH42	Immunoglobulin heavy variable 3-66 (HV366_HUMAN)	4
A6NL76	Actin, alpha skeletal muscle (A6NL76_HUMAN)	4
P80748	Immunoglobulin lambda variable 3-21 (LV321_HUMAN)	4
P01619	Immunoglobulin kappa variable 3-20 (KV320_HUMAN)	4
B0YIW2	Apolipoprotein C-III (B0YIW2_HUMAN)	4
P00488	Coagulation factor XIII A chain (F13A_HUMAN)	4
G5E9F8	Protein S (Alpha), isoform CRA_b (G5E9F8_HUMAN)	3
A0A0B4J1V0	Immunoglobulin heavy variable 3-15 (HV315_HUMAN)	3
P01031	Complement C5 (CO5_HUMAN)	1
G3V3A0	Alpha-1-antichymotrypsin (G3V3A0_HUMAN)	3

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
P00748	Coagulation factor XII (FA12_HUMAN)	3
P01019	Angiotensinogen (ANGT_HUMAN)	3
B4E1Z4	cDNA FLJ55673, highly similar to Complement factor B (EC 3.4.21.47) (B4E1Z4_HUMAN)	3
P02748	Complement component C9 (CO9_HUMAN)	3
P02763	Alpha-1-acid glycoprotein 1 (A1AG1_HUMAN)	3
A0A087X232	Complement C1s subcomponent (A0A087X232_HUMAN)	3
A0A0C4DH25	Immunoglobulin kappa variable 3D-20 (KVD20_HUMAN)	3
Q16610	Extracellular matrix protein 1 (ECM1_HUMAN)	3
P02652	Apolipoprotein A-II (APOA2_HUMAN)	3
P02753	Retinol-binding protein 4 (RET4_HUMAN)	3
P01611	Immunoglobulin kappa variable 1D-12 (KVD12_HUMAN)	3
A0A087X0I2	Complement factor I (A0A087X0I2_HUMAN)	3
P13671	Complement component C6 (CO6_HUMAN)	3
P36980	Complement factor H-related protein 2 (FHR2_HUMAN)	3
P01700	Immunoglobulin lambda variable 1-47 (LV147_HUMAN)	3
O75636	Ficolin-3 (FCN3_HUMAN)	2
Q9BXR6	Complement factor H-related protein 5 (FHR5_HUMAN)	2
A0A0C4DH38	Immunoglobulin heavy variable 5-51 (HV551_HUMAN)	2
Q08380	Galectin-3-binding protein (LG3BP_HUMAN)	2
P02760	Protein AMBP (AMBP_HUMAN)	2
A0A087X0Q4	Immunoglobulin kappa variable 2-40 (A0A087X0Q4_HUMAN)	2
Q15485	Ficolin-2 (FCN2_HUMAN)	2
P69905	Hemoglobin subunit alpha (HBA_HUMAN)	2
P43652	Afamin (AFAM_HUMAN)	2
B7ZKJ8	ITIH4 protein (B7ZKJ8_HUMAN)	2
H7BXT0	Vitamin K-dependent protein S (Fragment) (H7BXT0_HUMAN)	2
P20851	C4b-binding protein beta chain (C4BPB_HUMAN)	2
P01602	Immunoglobulin kappa variable 1-5 (KV105_HUMAN)	2
P68871	Hemoglobin subunit beta (HBB_HUMAN)	2
P01782	Immunoglobulin heavy variable 3-9 (HV309_HUMAN)	2
P36955	Pigment epithelium-derived factor (PEDF_HUMAN)	1
C9J075	Plasma kallikrein (Fragment) (C9J075_HUMAN)	1
Q9Y490	Talin-1 (TLN1_HUMAN)	1
A0A0B4J259	Lysozyme (A0A0B4J259_HUMAN)	1
Q96PD5	N-acetylmuramoyl-L-alanine amidase (PGRP2_HUMAN)	1
P27169	Serum paraoxonase/arylesterase 1 (PON1_HUMAN)	1
A0A087WT59	Transthyretin (A0A087WT59_HUMAN)	1
O14791	Apolipoprotein L1 (APOL1_HUMAN)	1
H0YC35	Clusterin (Fragment) (H0YC35_HUMAN)	1
A0A0D9SEM9	ATP-dependent RNA helicase DDX39A (Fragment) (A0A0D9SEM9_HUMAN)	1
P35858	Insulin-like growth factor-binding protein complex acid labile subunit (ALS_HUMAN)	1
J3QRU1	Tyrosine-protein kinase (J3QRU1_HUMAN)	1
F5GY80	Complement component C8 beta chain (F5GY80_HUMAN)	1

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
H0YAS8	Clusterin (Fragment) (H0YAS8_HUMAN)	1
P01597	Immunoglobulin kappa variable 1-39 (KV139_HUMAN)	1
P02743	Serum amyloid P-component (SAMP_HUMAN)	1
P02775	Platelet basic protein (CXCL7_HUMAN)	1
E9PBC5	Plasma kallikrein (E9PBC5_HUMAN)	1
P01717	Immunoglobulin lambda variable 3-25 (LV325_HUMAN)	1
A0A0J9YWQ3	Alpha-2-antiplasmin (Fragment) (A0A0J9YWQ3_HUMAN)	1
P07360	Complement component C8 gamma chain (CO8G_HUMAN)	1
A0A0C4DH21	Complement factor H-related protein 4 (A0A0C4DH21_HUMAN)	1
A0A087WSY5	Carboxypeptidase B2 (A0A087WSY5_HUMAN)	1
J3KRP0	Beta-Ala-His dipeptidase (J3KRP0_HUMAN)	1
P04264	Keratin, type II cytoskeletal 1 (K2C1_HUMAN)	1
A0A075B6H7	Immunoglobulin kappa variable 3-7 (non-functional) (Fragment) (A0A075B6H7_HUMAN)	1
A0A286YEX3	Interleukin-10 (Fragment) (A0A286YEX3_HUMAN)	1
P07996	Thrombospondin-1 (TSP1_HUMAN)	1
P23142	Fibulin-1 (FBLN1_HUMAN)	1
A0A0D9SEJ5	Constitutive coactivator of peroxisome proliferator-activated receptor gamma (A0A0D9SEJ5_HUMAN)	1
P01714	Immunoglobulin lambda variable 3-19 (LV319_HUMAN)	1

Набор белков, выявленных в образце надосадочной жидкости, отобранной после центрифугирования в методе выделения с помощью коммерческого набора.

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
P01024	Complement C3 (CO3_HUMAN)	60
A0A0C4DGB6	Serum albumin (A0A0C4DGB6_HUMAN)	59
P02787	Serotransferrin (TRFE_HUMAN)	50
P01023	Alpha-2-macroglobulin (A2MG_HUMAN)	49
A0A087WWT3	Serum albumin (A0A087WWT3_HUMAN)	40
P02647	Apolipoprotein A-I (APOA1_HUMAN)	25
A0A0G2JL54	Complement C4-B (A0A0G2JL54_HUMAN)	24
A0A0G2JPR0	Complement C4-A (A0A0G2JPR0_HUMAN)	24
P01009	Alpha-1-antitrypsin (A1AT_HUMAN)	23
P04114	Apolipoprotein B-100 (APOB_HUMAN)	22
P00450	Ceruloplasmin (CERU_HUMAN)	22
P02675	Fibrinogen beta chain (FIBB_HUMAN)	20
P04264	Keratin, type II cytoskeletal 1 (K2C1_HUMAN)	20
P19823	Inter-alpha-trypsin inhibitor heavy chain H2 (ITIH2_HUMAN)	18
P02671	Fibrinogen alpha chain (FIBA_HUMAN)	16
P06727	Apolipoprotein A-IV (APOA4_HUMAN)	16
D6RF35	Vitamin D-binding protein (D6RF35_HUMAN)	15
P20742	Pregnancy zone protein (PZP_HUMAN)	14
A0A286YES1	Immunoglobulin heavy constant gamma 3 (Fragment) (A0A286YES1_HUMAN)	14
A0A087WU08	Haptoglobin (A0A087WU08_HUMAN)	14
A0A286YFJ8	Immunoglobulin heavy constant gamma 4 (Fragment) (A0A286YFJ8_HUMAN)	13
P35908	Keratin, type II cytoskeletal 2 epidermal (K22E_HUMAN)	13
P02790	Hemopexin (HEMO_HUMAN)	12
A0A0A0MS07	Immunoglobulin heavy constant gamma 1 (Fragment) (A0A0A0MS07_HUMAN)	12
E9PIT3	Prothrombin (E9PIT3_HUMAN)	12
B7ZKJ8	ITIH4 protein (B7ZKJ8_HUMAN)	12
P08603	Complement factor H (CFAH_HUMAN)	12
A0A286YEY1	Immunoglobulin heavy constant alpha 1 (Fragment) (A0A286YEY1_HUMAN)	11
P02538	Keratin, type II cytoskeletal 6A (K2C6A_HUMAN)	11
D6RBJ7	Vitamin D-binding protein (D6RBJ7_HUMAN)	11
P02763	Alpha-1-acid glycoprotein 1 (A1AG1_HUMAN)	10
P35527	Keratin, type I cytoskeletal 9 (K1C9_HUMAN)	10
P01042	Kininogen-1 (KNG1_HUMAN)	10
A0A1B0GUU9	Immunoglobulin heavy constant mu (Fragment) (A0A1B0GUU9_HUMAN)	10
C9JC84	Fibrinogen gamma chain (C9JC84_HUMAN)	9
P13645	Keratin, type I cytoskeletal 10 (K1C10_HUMAN)	9
P04004	Vitronectin (VTNC_HUMAN)	9
P68871	Hemoglobin subunit beta (HBB_HUMAN)	9

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
P02749	Beta-2-glycoprotein 1 (APOH_HUMAN)	8
K7ERI9	Apolipoprotein C-I (Fragment) (K7ERI9_HUMAN)	8
P02649	Apolipoprotein E (APOE_HUMAN)	8
P01008	Antithrombin-III (ANT3_HUMAN)	8
P43652	Afamin (AFAM_HUMAN)	8
A0A0C4DGL8	Haptoglobin (A0A0C4DGL8_HUMAN)	8
P04196	Histidine-rich glycoprotein (HRG_HUMAN)	8
P19827	Inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1_HUMAN)	8
P19652	Alpha-1-acid glycoprotein 2 (A1AG2_HUMAN)	7
E9PGN7	Plasma protease C1 inhibitor (E9PGN7_HUMAN)	7
A0A286YEY4	Immunoglobulin heavy constant gamma 2 (Fragment) (A0A286YEY4_HUMAN)	7
P0DOY2	Immunoglobulin lambda constant 2 (IGLC2_HUMAN)	7
H0YC35	Clusterin (Fragment) (H0YC35_HUMAN)	7
G3V3A0	Alpha-1-antichymotrypsin (G3V3A0_HUMAN)	6
A0A0A0MS51	Gelsolin (A0A0A0MS51_HUMAN)	6
P01019	Angiotensinogen (ANGT_HUMAN)	6
P01834	Immunoglobulin kappa constant (IGKC_HUMAN)	6
P04217	Alpha-1B-glycoprotein (A1BG_HUMAN)	6
B4E1Z4	cDNA FLJ55673, highly similar to Complement factor B (EC 3.4.21.47) (B4E1Z4_HUMAN)	6
P69905	Hemoglobin subunit alpha (HBA_HUMAN)	5
P02652	Apolipoprotein A-II (APOA2_HUMAN)	5
C9JV77	Alpha-2-HS-glycoprotein (C9JV77_HUMAN)	5
G3V595	Alpha-1-antichymotrypsin (Fragment) (G3V595_HUMAN)	5
A0A0D9SG88	Complement factor H (A0A0D9SG88_HUMAN)	5
P02042	Hemoglobin subunit delta (HBD_HUMAN)	4
E9PBC5	Plasma kallikrein (E9PBC5_HUMAN)	4
P00747	Plasminogen (PLMN_HUMAN)	4
A0A0G2JMB2	Immunoglobulin heavy constant alpha 2 (Fragment) (A0A0G2JMB2_HUMAN)	4
P05546	Heparin cofactor 2 (HEP2_HUMAN)	4
P01619	Immunoglobulin kappa variable 3-20 (KV320_HUMAN)	4
P01768	Immunoglobulin heavy variable 3-30 (HV330_HUMAN)	3
P02750	Leucine-rich alpha-2-glycoprotein (A2GL_HUMAN)	3
A0A024R0T9	Apolipoprotein C-II isoform 1 (A0A024R0T9_HUMAN)	3
A0A0G2JPA8	Alpha-2-antiplasmin (A0A0G2JPA8_HUMAN)	3
A0A0C4DH25	Immunoglobulin kappa variable 3D-20 (KVD20_HUMAN)	3
E7ERP7	Apolipoprotein E (Fragment) (E7ERP7_HUMAN)	3
C9JF17	Apolipoprotein D (Fragment) (C9JF17_HUMAN)	3
P80748	Immunoglobulin lambda variable 3-21 (LV321_HUMAN)	3
O14791	Apolipoprotein L1 (APOL1_HUMAN)	3
B0YIW2	Apolipoprotein C-III (B0YIW2_HUMAN)	3
H0YAS8	Clusterin (Fragment) (H0YAS8_HUMAN)	2
C9JA05	Immunoglobulin J chain (Fragment) (C9JA05_HUMAN)	2
A0A0B4J1V1	Immunoglobulin heavy variable 3-21 (HV321_HUMAN)	2
A0A0J9YWQ3	Alpha-2-antiplasmin (Fragment) (A0A0J9YWQ3_HUMAN)	2
P23083	Immunoglobulin heavy variable 1-2 (HV102_HUMAN)	2

Идентификатор в базе данных UniProt	Название белка	Количество пептидов
H3BMJ7	Haptoglobin (H3BMJ7_HUMAN)	2
A0A087WT59	Transthyretin (A0A087WT59_HUMAN)	2
P02760	Protein AMBP (AMBP_HUMAN)	2
A0A0C4DH72	Immunoglobulin kappa variable 1-6 (KV106_HUMAN)	2
A0A075B7D0	Immunoglobulin heavy variable 1/OR15-1 (non-functional) (Fragment) (A0A075B7D0_HUMAN)	2
O95445	Apolipoprotein M (APOM_HUMAN)	2
P13671	Complement component C6 (CO6_HUMAN)	2
P01593	Immunoglobulin kappa variable 1D-33 (KVD33_HUMAN)	2
P01700	Immunoglobulin lambda variable 1-47 (LV147_HUMAN)	2
P06312	Immunoglobulin kappa variable 4-1 (KV401_HUMAN)	1
F8VV57	Keratin, type II cytoskeletal 5 (Fragment) (F8VV57_HUMAN)	1
E5RG36	Clusterin (Fragment) (E5RG36_HUMAN)	1
P81605	Dermcidin (DCD_HUMAN)	1
A0A0U1RQU7	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial (Fragment) (A0A0U1RQU7_HUMAN)	1
Q8IV53	DENN domain-containing protein 1C (DEN1C_HUMAN)	1
A0A0C4DH34	Immunoglobulin heavy variable 4-28 (HV428_HUMAN)	1
A0A075B7F0	Immunoglobulin heavy variable 3/OR16-10 (non-functional) (Fragment) (A0A075B7F0_HUMAN)	1
J3KRP0	Beta-Ala-His dipeptidase (J3KRP0_HUMAN)	1
A0A0B4J2B5	Immunoglobulin heavy variable 3/OR16-9 (non-functional) (Fragment) (A0A0B4J2B5_HUMAN)	1
J3KS17	Beta-2-glycoprotein 1 (Fragment) (J3KS17_HUMAN)	1