

Product Specifications

Product Name	DiscoveryEdge™600
Product Number(s)	DE60001-8 / DE60001-48 / DE60001-96
Product Description	Quantitative recombinant protein standards (qRePS™) for multiplexed absolute quantification of blood plasma proteins using mass spectrometry. Heavy Lys and Arg ¹³ C and ¹⁵ N labeled protein standards targeting 619 different human proteins.
Species	Human
Application	MS-based quantitative proteomics in blood plasma.
Included Proteins	See next page
Expression host	<i>Escherichia coli</i>
Purification	IMAC purification
Quantification	Absolute MS-based quantification using a reference sample
Isotopic incorporation	>99.9% as determined by LC-MS/MS
Amounts per well	Each well contains all qRePS in the panel, optimized for digestion with equivalent of 1 µl human blood plasma. Individual qRePS amounts are available at https://proteomedge.com/lotdata/26001/
Unit size(s)	8 / 48 / 96 wells
Format	Dry powder
Storage	Long term; -20°C. Short term; +25°C
Shipping	Shipped at ambient temperature.
Notes	For protocols, additional product information etc. visit www.proteomedge.com Optimal conditions should be determined by the end user.

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Not intended for pharmaceutical development, diagnostic, therapeutic or any in vivo use. Products from ProteomEdge may not be resold, modified for resale or used to manufacture commercial products without prior written approval from ProteomEdge AB.

Terms & Conditions as available on www.proteomedge.com/terms applies

Included proteins

Gene	UniProt ID	Gene	UniProt ID	Gene	UniProt ID	Gene	UniProt ID
A1BG	P04217	B3GNT2	Q9NY97	CD5L	O43866	CTBS	Q01459
A2M	P01023	B4GAT1	O43505	CD9	P21926	CTH	P32929
ABCF1	Q8NE71	BASP1	P80723	CD93	Q9NPY3	CTSB	P07858
ABI3BP	Q7Z7G0	BCHE	P06276	CD99	P14209	CTSD	P07339
ACE	P12821	BDNF	P23560	CDH13	P55290	CTSS	P25774
ACTN1	P12814	BLVRB	P30043	CDH2	P19022	CTSZ	Q9UBR2
ADA	P00813	BPGM	P07738	CDH5	P33151	CTTN	Q14247
ADA2	Q9NZK5	BPIFB2	Q8N4F0	CDHR5	Q9HBB8	CXCL12	P48061
ADAMTS13	Q76LX8	BST1	Q10588	CEACAM5	P06731	DAG1	Q14118
ADAMTS4	O75173	BTD	P43251	CEMIP	Q8WUJ3	DBH	P09172
ADAMTSL4	Q6UY14	C1QA	P02745	CETP	P11597	DCD	P81605
ADARB1	P78563	C1QB	P02746	CFB	P00751	DCN	P07585
ADGRG6	Q86SQ4	C1QBP	Q07021	CFD	P00746	DDC	P20711
ADH4	P08319	C1QC	P02747	CFH	P08603	DLK1	P80370
ADIPOQ	Q15848	C1QTNF1	Q9BXJ1	CFHR2	P36980	DPEP2	Q9H4A9
AEBP1	Q8IUX7	C1QTNF3	Q9BXJ4	CFHR3	Q02985	ECM1	Q16610
AFM	P43652	C1QTNF4	Q9BXJ3	CFHR4	Q92496	EFEMP1	Q12805
AFP	P02771	C1QTNF5	Q9BXJ0	CFHR5	Q9BXR6	EGF	P01133
AGT	P01019	C1R	P00736	CFI	P05156	EGFR	P00533
AHSG	P02765	C1RL	Q9NZP8	CFP	P27918	ENG	P17813
ALAD	P13716	C1S	P09871	CHGA	P10645	ENO1	P06733
ALCAM	Q13740	C2	P06681	CHGB	P05060	ENO2	P09104
ALDH1A1	P00352	C3	P01024	CHI3L1	P36222	ENPP2	Q13822
ALDOA	P04075	C4A	P0C0L4	CHIT1	Q13231	EPHA1	P21709
ALDOB	P05062	C4B	P0C0L5	CHL1	O00533	ERAP1	Q9NZ08
ALDOC	P09972	C4BPA	P04003	CKB	P12277	ERBB2	P04626
ALPL	P05186	C4BPB	P20851	CKM	P06732	ERN1	O75460
AMBP	P02760	C5	P01031	CLEC3B	P05452	F10	P00742
AMH	P03971	C6	P13671	CLIC1	O00299	F11	P03951
ANGPTL3	Q9Y5C1	C7	P10643	CLSTN1	O94985	F12	P00748
ANPEP	P15144	C8A	P07357	CLU	P10909	F13A1	P00488
ANTXR2	P58335	C8B	P07358	CNDP1	Q96KN2	F13B	P05160
ANXA1	P04083	C8G	P07360	CNTF	P26441	F2	P00734
ANXA3	P12429	C9	P02748	CNTN1	Q12860	F5	P12259
AOC3	Q16853	CA1	P00915	COL18A1	P39060	F7	P08709
APCS	P02743	CA2	P00918	COL1A1	P02452	F8	P00451
APMAP	Q9HDC9	CA3	P07451	COL1A2	P08123	F9	P00740
APOA1	P02647	CACNA2D1	P54289	COL6A2	P12110	FAH	P16930
APOA2	P02652	CALCA	P01258	COL6A3	P12111	FAM3C	Q92520
APOA4	P06727	CALR	P27797	COLEC10	Q9Y627	FAP	Q12884
APOA5	Q6Q788	CAMP	P49913	COLEC11	Q9BWP8	FBLN1	P23142
APOB	P04114	CANX	P27824	COMP	P49747	FBLN5	Q9UBX5
APOC1	P02654	CAP1	Q01518	CP	P00450	FBLN7	Q53RD9
APOC2	P02655	CAPN1	P07384	CPB2	Q96IY4	FBN1	P35555
APOC3	P02656	CAPNS1	P04632	CPE	P16870	FCGBP	Q9Y6R7
APOC4	P55056	CARD9	Q9H257	CPN1	P15169	FCGR2A	P12318
APOD	P05090	CASP14	P31944	CPN2	P22792	FCGR3B	O75015
APOE	P02649	CAT	P04040	CPQ	Q9Y646	FCN1	O00602
APOF	Q13790	CAVIN2	O95810	CR1	P17927	FCN2	Q15485
APOH	P02749	CCK	P06307	CR2	P20023	FCN3	O75636
APOL1	O14791	CCL14	Q16627	CRH	P06850	FERMT3	Q86UX7
APOL4	Q9BPW4	CD109	Q6YHK3	CRHBP	P24387	FETUB	Q9UGM5
APOM	O95445	CD14	P08571	CRISP3	P54108	FGA	P02671
APP	P05067	CD163	Q86VB7	CRP	P02741	FGB	P02675
ARHGDI8	P52566	CD248	Q9HCU0	CRTAC1	Q9NQ79	FGFBP2	Q9BYJ0
ASS1	P00966	CD44	P16070	CSF1	P09603	FGG	P02679
ATRN	O75882	CD46	P15529	CSF1R	P07333	FGL1	Q08830
AZGP1	P25311	CD55	P08174	CST3	P01034	FHAD1	B1AJZ9
B2M	P61769	CD59	P13987	CSTB	P04080	FLNA	P21333

Included proteins

Gene	UniProt ID	Gene	UniProt ID	Gene	UniProt ID	Gene	UniProt ID
FLT4	P35916	HSPA4L	O95757	ITIH4	Q14624	MPP4	Q96JB8
FN1	P02751	HSPA5	P11021	ITIH5	Q86UX2	MRC1	P22897
FREM3	P0C091	HSPA6	P17066	ITLN1	Q8WWA0	MSLN	Q13421
FSHB	P01225	HSPA8	P11142	ITPR1	Q14643	MSN	P26038
FTH1	P02794	HSPA9	P38646	JCHAIN	P01591	MST1	P26927
FTL	P02792	HSPB1	P04792	JMJD7	P0C870	MUC1	P15941
FUCA2	Q9BTY2	HSPG2	P98160	KIT	P10721	MUC16	Q8WXI7
GANAB	Q14697	HYAL1	Q12794	KLK3	P07288	MYDGF	Q969H8
GAPDH	P04406	HYOU1	Q9Y4L1	KLK6	Q92876	MYH9	P35579
GAS6	Q14393	ICAM1	P05362	KLKB1	P03952	MYL6	P60660
GC	P02774	ICAM2	P13598	KNG1	P01042	NAGLU	P54802
GCG	P01275	ICOSLG	O75144	KRT1	P04264	NBL1	P41271
GFAP	P14136	IDH1	O75874	KRT19	P08727	NCAM1	P13591
GGH	Q92820	IGF1	P05019	L1CAM	P32004	NCAM2	O15394
GGT1	P19440	IGF2	P01344	LAIR1	Q6GTX8	NEB	P20929
GHR	P10912	IGF2R	P11717	LAMP1	P11279	NES	P48681
GHRL	Q9UBU3	IGFALS	P35858	LAMP2	P13473	NGF	P01138
GIP	P09681	IGFBP1	P08833	LBP	P18428	NMB	P08949
GLA	P06280	IGFBP2	P18065	LCAT	P04180	NPPA	P01160
GLIPR2	Q9H4G4	IGFBP3	P17936	LCN2	P80188	NPPB	P16860
GLO1	Q04760	IGFBP4	P22692	LCP1	P13796	NPY	P01303
GNPTG	Q9UJJ9	IGFBP5	P24593	LDHA	P00338	NRP1	O14786
GOT1	P17174	IGFBP6	P24592	LDHB	P07195	NTS	P30990
GP1BA	P07359	IGFBP7	Q16270	LEP	P41159	OLFM1	Q99784
GP5	P40197	IGHA1	P01876	LGALS3	P17931	OMD	Q99983
GPI	P06744	IGHA2	P01877	LGALS3BP	Q08380	ORM1	P02763
GPLD1	P80108	IGHG2	P01859	LILRA3	Q8N6C8	ORM2	P19652
GPT	P24298	IGHG3	P01860	LIMS1	P48059	OXT	P01178
GPX2	P18283	IGHG4	P01861	LPA	P08519	P4HB	P07237
GPX3	P22352	IGHM	P01871	LPA	P08519	PAPPA	Q13219
GRN	P28799	IGKC	P01834	LRG1	P02750	PAPPA2	Q9BXP8
GSG1	Q2KHT4	IGKV1-5	P01602	LRP1	Q07954	PARK7	Q99497
GSN	P06396	IGLC6	P0CF74	LRP2	P98164	PARVB	Q9HBI1
GSTO1	P78417	IGLC7	A0M8Q6	LSAMP	Q13449	PCOLCE	Q15113
GUSB	P08236	IGLL1	P15814	LTBP1	Q14766	PCSK1N	Q9UHG2
H6PD	O95479	IHH	Q14623	LTF	P02788	PCSK9	Q8NBP7
HABP2	Q14520	IL10	P22301	LUM	P51884	PCYOX1	Q9UHG3
HAMP	P81172	IL18BP	O95998	LYVE1	Q9Y5Y7	PDIA3	P30101
HBA1	P69905	IL1RAP	Q9NPH3	LYZ	P61626	PDLIM1	O00151
HBB	P68871	IL1RN	P18510	MAN1A1	P33908	PEBP4	Q96S96
HBD	P02042	IL2RA	P01589	MAN2A1	Q16706	PECAM1	P16284
HBE1	P02100	IL6	P05231	MAPT	P10636	PEPD	P12955
HBM	Q6B0K9	IL6R	P08887	MARCO	Q9UEW3	PF4	P02776
HCFC1	P51610	IL6ST	P40189	MASP1	P48740	PFN1	P07737
HEG1	Q9ULI3	ILK	Q13418	MASP2	O00187	PGC	P20142
HEXA	P06865	INHBA	P08476	MB	P02144	PGK1	P00558
HEXB	P07686	INHBC	P55103	MBL2	P11226	PGLYRP2	Q96PD5
HGFAC	Q04756	INS	P01308	MCAM	P43121	PHB1	P35232
HK1	P19367	IRAG2	Q12912	MEGF8	Q7Z7M0	PI16	Q6UXB8
HP	P00738	ISLR	O14498	MGAT1	P26572	PIGR	P01833
HPR	P00739	ITFG1	Q8TB96	MGMT	P16455	PKM	P14618
HPX	P02790	ITGA2B	P08514	MGP	P08493	PLA2G1B	P04054
HRG	P04196	ITGAM	P11215	MIF	P14174	PLA2G7	Q13093
HRNR	Q86YZ3	ITGAX	P20702	MINPP1	Q9UNW1	PLAT	P00750
HSP90AB1	P08238	ITGB1	P05556	MMP2	P08253	PLAU	P00749
HSP90B1	P14625	ITGB3	P05106	MMP9	P14780	PLEC	Q15149
HSPA12A	O43301	ITIH1	P19827	MMRN1	Q13201	PLEK	P08567
HSPA14	Q0VDF9	ITIH2	P19823	MMRN2	Q9H8L6	PLG	P00747
HSPA4	P34932	ITIH3	Q06033	MPO	P05164	PLTP	P55058

Included proteins

Gene	UniProt ID	Gene	UniProt ID	Gene	UniProt ID
PLXDC2	Q6UX71	SERPINA1	P01009	TNFRSF8	P28908
PLXNB1	O43157	SERPINA10	Q9UK55	TNNI2	P48788
PLXNB2	O15031	SERPINA11	Q86U17	TNNI3	P19429
PNLIP	P16233	SERPINA3	P01011	TNNT2	P45379
PNP	P00491	SERPINA4	P29622	TNXB	P22105
PNPLA8	Q9NP80	SERPINA5	P05154	TP53	P04637
PON1	P27169	SERPINA6	P08185	TPI1	P60174
PON3	Q15166	SERPINA7	P05543	TPM3	P06753
POSTN	Q15063	SERPINA6	P08185	TTC39A	Q5SRH9
PPBP	P02775	SERPINA7	P05543	TTR	P02766
PPIA	P62937	SERPINA8	P05154	TUBB	P07437
PRCP	P42785	SERPINA9	P05121	TUBB1	Q9H4B7
PRDX1	Q06830	SERPINA10	Q9UK55	TWSG1	Q9GZX9
PRDX2	P32119	SERPINA11	Q86U17	TXN	P10599
PRDX6	P30041	SERPINA3	P01011	VASN	Q6EMK4
PRG2	P13727	SERPINA4	P29622	VASP	P50552
PRG4	Q92954	SERPINA5	P05154	VCAM1	P19320
PRL	P01236	SERPINA6	P08185	VCL	P18206
PROC	P04070	SERPINA7	P05543	VCP	P55072
PROCR	Q9UNN8	SERPINA8	P05154	VEGFC	P49767
PROZ	P22891	SERPINA9	P05121	VEGF	O15240
PRSS1	P07477	SERPINA10	Q9UK55	VIM	P08670
PRSS3	P35030	SERPINA11	Q86U17	VNN1	O95497
PSAP	P07602	SERPINA3	P01011	VSIG4	Q9Y279
PSCA	O43653	SERPINA4	P29622	VTN	P04004
PTEN	P60484	SERPINA5	P05154	VWF	P04275
PTGDS	P41222	SERPINA6	P08185	WDR1	O75083
PTN	P21246	SERPINA7	P05543	YWHAG	P61981
PTPRC	P08575	SERPINA8	P05154	YWHAZ	P63104
PTPRG	P23470	SERPINA9	P05121	ZYX	Q15942
PTPRJ	Q12913	SERPINA10	Q9UK55		
PTPRS	Q13332	SERPINA11	Q86U17		
PVR	P15151	SERPINA3	P01011		
PZP	P20742	SERPINA4	P29622		
QSOX1	O00391	SERPINA5	P05154		
RARRES2	Q99969	SERPINA6	P08185		
RBP4	P02753	SERPINA7	P05543		
RELN	P78509	SERPINA8	P05154		
RETN	Q9HD89	SERPINA9	P05121		
RNASE1	P07998	SERPINA10	Q9UK55		
ROBO4	Q8WZ75	SERPINA11	Q86U17		
RSRC2	Q7L4I2	SERPINA3	P01011		
RTN4	Q9NQ3	SERPINA4	P29622		
S100A11	P31949	SERPINA5	P05154		
S100A12	P80511	SERPINA6	P08185		
S100A8	P05109	SERPINA7	P05543		
S100A9	P06702	SERPINA8	P05154		
S100B	P04271	SERPINA9	P05121		
S100P	P25815	SERPINA10	Q9UK55		
SAA1	P0DJI8	SERPINA11	Q86U17		
SAA2	P0DJI9	SERPINA3	P01011		
SAA4	P35542	SERPINA4	P29622		
SCG2	P13521	SERPINA5	P05154		
SCG3	Q8WXD2	SERPINA6	P08185		
SELENBP1	Q13228	SERPINA7	P05543		
SELENOP	P49908	SERPINA8	P05154		
SELL	P14151	SERPINA9	P05121		
SELP	P16109	SERPINA10	Q9UK55		
SEMA7A	O75326	SERPINA11	Q86U17		