

Supporting Information

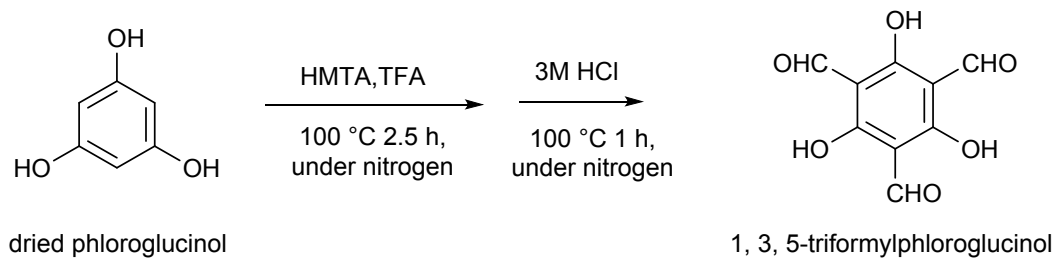
## **Highly Efficient Enrichment of N-linked Glycopeptides using a Hydrophilic Covalent-Organic Framework**

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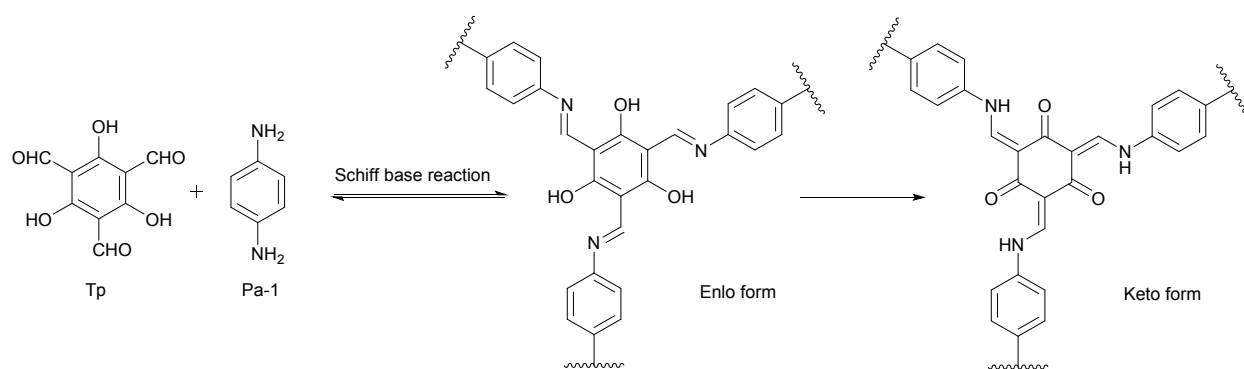
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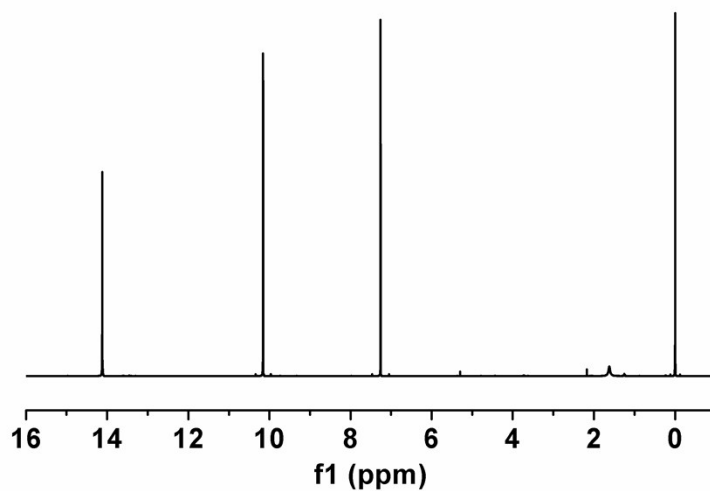
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**Scheme S1** Schematic representation of the synthesis of 1, 3, 5-triformylphloroglucinol (Tp).



**Scheme S2** Schematic representation of the synthesis of TpPa-1.



**Fig. S1**  $^1\text{H}$  NMR spectrum of synthesized Tp.

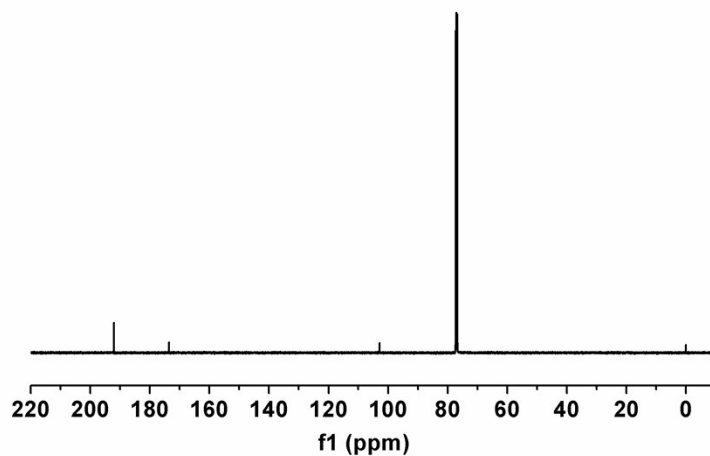


Fig. S2  $^{13}\text{C}$  NMR spectrum of synthesized Tp.

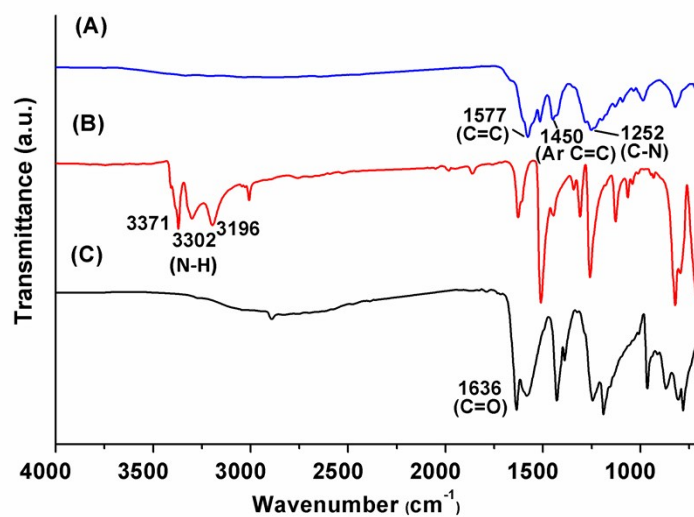
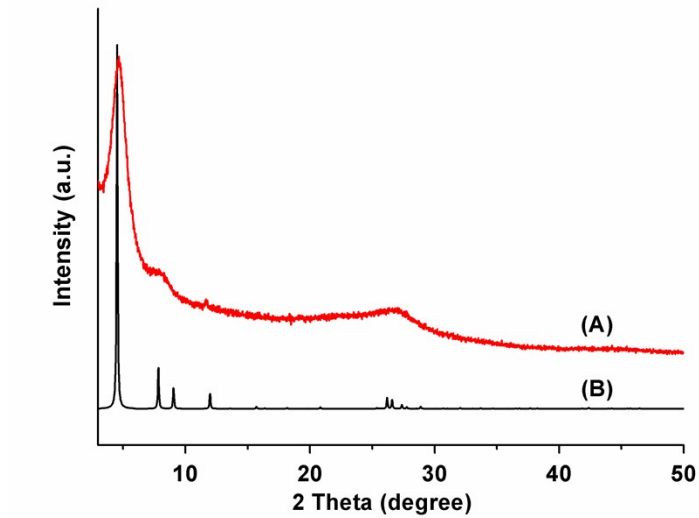
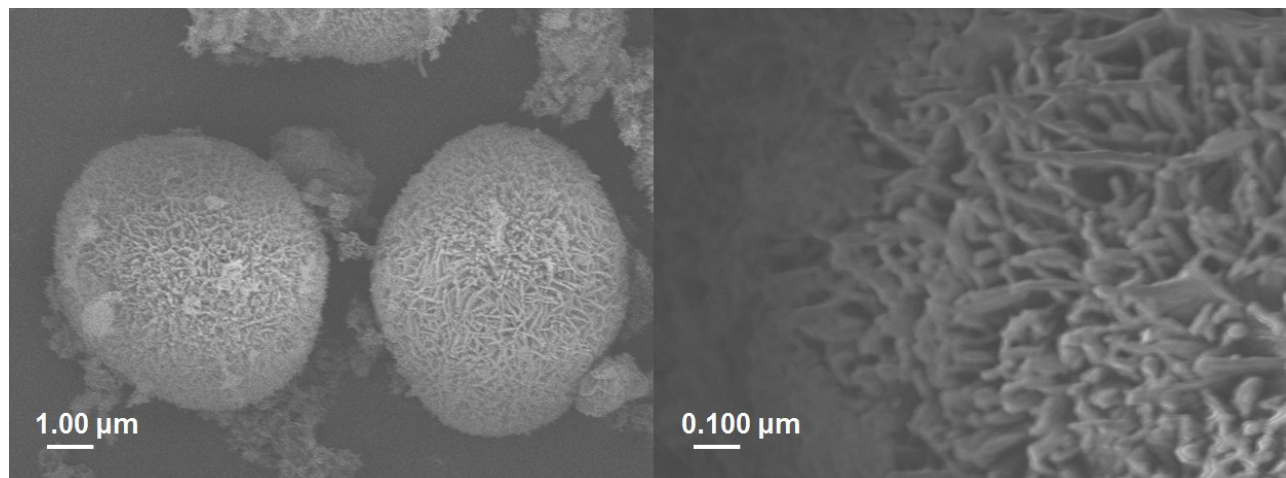


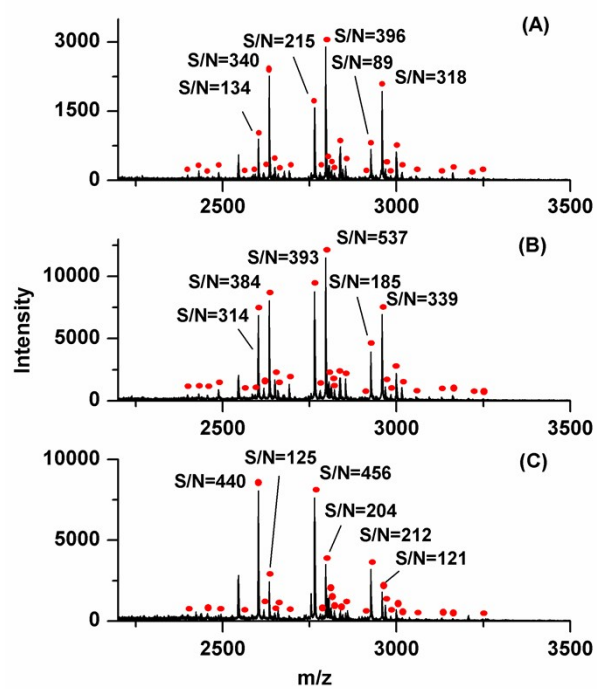
Fig. S3 FT-IR spectra of (A) synthesized TpPa-1, (B) Pa-1 and (C) synthesized Tp.



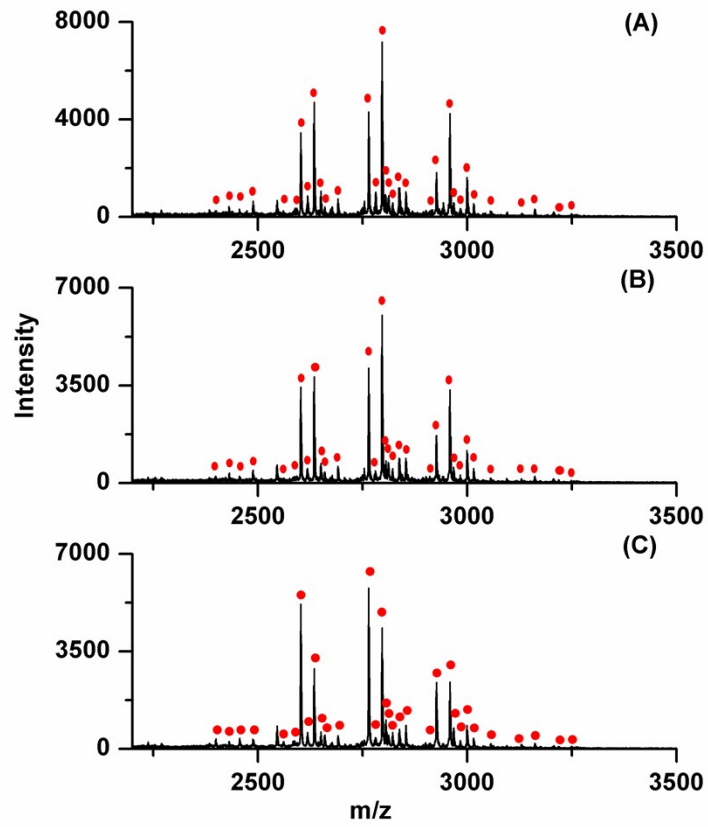
**Fig. S4** XRD patterns of (A) synthesized TpPa-1 and (B) simulated TpPa-1.



**Fig. S5** SEM images of synthesized TpPa-1.



**Fig. S6** MALDI-TOF MS spectra of human IgG tryptic digests after TpPa-1 enrichment with different elution buffers (A) ACN/H<sub>2</sub>O/TFA (79.9/20/0.1, v/v/v), (B) ACN/H<sub>2</sub>O/TFA (84.9/15/0.1, v/v/v) and (C) ACN/H<sub>2</sub>O/TFA (89.9/10/0.1, v/v/v). N-linked glycopeptides are marked with solid red circles.



**Fig. S7** MALDI-TOF MS spectra of human IgG tryptic digests after enrichment with TpPa-1 (A) for the third time, (B) for the sixth time and (C) for the tenth time. N-linked glycopeptides are marked with solid red circles.

**Table S1** Observed molecular masses of N-linked glycopeptides and proposed glycan composition of human IgG tryptic digests enriched by TpPa-1. Hex, HexNAc, Fuc and NeuAc are the abbreviations of hexose, N-acetylhexosamine, fucose and N-acetylneuraminic acid, respectively. N# denotes the N-linked glycosylation sites.

Peak number	Observed m/z	Glycan composite	Peptide sequence
11	2398.7	[Hex]3[HexNAc]3[Fuc]1	EEQFN#STFR
12	2430.7	[Hex]3[HexNAc]3[Fuc]1	EEQYN#STYR
13	2456.0	[Hex]3[HexNAc]4	EEQFN#STFR
14	2487.9	[Hex]3[HexNAc]4	EEQYN#STYR
15	2560.9	[Hex]4[HexNAc]3[Fuc]1	EEQFN#STFR
16	2592.9	[Hex]4[HexNAc]3[Fuc]1	EEQYN#STYR
17	2601.9	[Hex]3[HexNAc]4[Fuc]1	EEQFN#STFR
18	2617.9	[Hex]4[HexNAc]4	EEQFN#STFR
19	2633.9	[Hex]3[HexNAc]4[Fuc]1	EEQYN#STYR
110	2650.0	[Hex]4[HexNAc]4	EEQYN#STYR
111	2658.9	[Hex]3[HexNAc]5	EEQFN#STFR
112	2690.9	[Hex]3[HexNAc]5	EEQYN#STYR
113	2764.1	[Hex]4[HexNAc]4[Fuc]1	EEQFN#STFR
114	2780.0	[Hex]5[HexNAc]4	EEQFN#STFR
115	2796.1	[Hex]4[HexNAc]4[Fuc]1	EEQYN#STYR
116	2804.8	[Hex]3[HexNAc]5[Fuc]1	EEQFN#STYR
117	2812.0	[Hex]5[HexNAc]4	EEQYN#STFR
118	2820.9	[Hex]4[HexNAc]5	EEQFN#STFR
119	2836.9	[Hex]3[HexNAc]5[Fuc]1	EEQYN#STYR
120	2853.0	[Hex]4[HexNAc]5	EEQYN#STYR
121	2909.8	[Hex]4[HexNAc]4 [NeuAc]1	EEQFN#STFR
122	2926.0	[Hex]5[HexNAc]4[Fuc]1	EEQFN#STFR
123	2958.0	[Hex]5[HexNAc]4[Fuc]1	EEQYN#STYR
124	2967.0	[Hex]4[Hex7NAc]5[Fuc]1	EEQFN#STFR
125	2983.1	[Hex]5[HexNAc]5	EEQFN#STFR
126	2999.0	[Hex]4[HexNAc]5[Fuc]1	EEQYN#STYR
127	3015.1	[Hex]5[HexNAc]5	EEQYN#STYR
128	3055.8	[Hex]4[HexNAc]4[Fuc]1[NeuAc]1	EEQFN#STFR

I29	3129.7	[Hex]5[HexNAc]5[Fuc]1	EEQFN#STFR
I30	3160.9	[Hex]5[HexNAc]5[Fuc]1	EEQYN#STYR
I31	3218.0	[Hex]5[HexNAc]4[Fuc]1[NeuAc]1	EEQFN#STFR
I32	3248.9	[Hex]5[HexNAc]4[Fuc]1[NeuAc]1	EEQYN#STYR

**Table S2** Observed molecular masses of N-linked glycopeptides and proposed glycan composition of HRP tryptic digests enriched by TpPa-1. Hex, HexNAc, Fuc and Xyl are the abbreviations of hexose, N-acetylhexosamine, fucose and xylose, respectively. N# denotes the N-linked glycosylation sites.

Peak number	Observed m/z	Glycan composite	Peptide sequence
H1	1842.5	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	NVGLN#R
H2	2068.6	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	PNVSN#IVR
H3	2541.0	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	SSPN#ATDTIPLVR
H4	2590.7	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	PTLN#TTYLQTLR
H5	2611.7	[Hex]3[HexNAc]2[Xyl]1	MGN#ITPLTGTQGQIR
H6	2802.7	[Hex]2[HexNAc]2	MGN#ITPLTGTQGQIRLNCR
H7	3073.8	[HexNAc]1[Fuc]1	LHFHDCFVNGCDASILLDN#TTSFR
H8	3145.8	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	GLCPLNGN#LSALVDFDLR
H9	3188.8	[HexNAc]1[Fuc]1	LHFHDCFVNGCDASILLDN#TTSFR
H10	3206.2	[Hex]3[HexNAc]2[Xyl]1	SFAN#STQTFNFAFVEAMDR
H11	3320.8	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	QLTPTFYDNPCPN#VSNIVR
H12	3352.8	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	SFAN#STQTFNFAFVEAMDR
H13	3369.0	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	SFAN#STQTFNFAFNEAM*DR
H14	3377.8	[Hex]2[HexNAc]2[Fuc]1	GLIQSDQELFSSPN#ATDTIPLVR
H15	3525.5	[Hex]3[HexNAc]2[Xyl]1	GLIQSDQELFSSPN#ATDTIPLVR
H16	3670.9	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	GLIQSDQELFSSPN#ATDTIPLVR
H17	3813.2	[Hex]2[HexNAc]2	LHFHDCFVNGCDASILLDN#TTSFR TEK
H18	3894.7	[Hex]3[HexNAc]2[Fuc]1[Xyl]1	LHFHDCFVNGCDASILLDN#TTSFR
H19	4719.2	[Hex]3[HexNAc]2[Fuc]1 [Hex]3[HexNAc]2[Fuc]1	LYN#FSNTGLPDPTLN#TTYLQTLR
H20	4837.2	[Hex]3[HexNAc]2[Fuc]1[Xyl]1 [Hex]3[HexNAc]2[Xyl]1	LYN#FSNTGLPDPTLN#TTYLQTLR



H21	4851.2	[Hex]3[HexNAc]2[Fuc]1[Xyl]1 [Hex]3[HexNAc]2[Fuc]1	LYN#FSNTGLPDPTLN#TTYLQTLR
H22	4982.9	[Hex]3[HexNAc]2[Fuc]1[Xyl]1 [Hex]3[HexNAc]2[Fuc]1[Xyl]1	LYN#FSNTGLPDPTLN#TTYLQTLR

**Table S3** Observed N-linked glycopeptides of human serum tryptic digests enriched by TpPa-1. OS=Organism Name, GN=Gene Name, PE=Protein Existence, SV=Sequence Version. N# denotes the N-linked glycosylation sites.

Protein Accession Number	Protein Description	Peptide Sequence
FETUA_HUMAN	Alpha-2-HS-glycoprotein OS=Homo sapiens GN=AHSG PE=1 SV=1	VCQDCPLLAPLN#DTR
FETUA_HUMAN	Alpha-2-HS-glycoprotein OS=Homo sapiens GN=AHSG PE=1 SV=1	KVCQDCPLLAPLN#DTR
FETUA_HUMAN	Alpha-2-HS-glycoprotein OS=Homo sapiens GN=AHSG PE=1 SV=1	AALAAFNAQNN#GSNFQLEEISR
IGHG1_HUMAN	Ig gamma-1 chain C region OS=Homo sapiens GN=IGHG1 PE=1 SV=1	EEQYN#STYR
A2MG_HUMAN	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=2	VSN#QTLSLFFTVLQDVPVR
A2MG_HUMAN	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=2	GCVLLSYLN#ETVTVSASLESVR
A2MG_HUMAN	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=2	SLGNVN#FTVSAEALQSLECGTEVPSVPEH GR
A1AT_HUMAN	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1	YLG#ATAIFFLPDEGK

SV=3

A1AT\_HUMAN Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3 ADTHDEILEGLNFN#LTEIPEAQIHEGFQELL R

CO3\_HUMAN Complement C3 OS=Homo sapiens GN=C3 PE=1 SV=2 TVLTPATNHMGN#VTFTIPANR

HEMO\_HUMAN Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2 SWPAVGN#CSSALR

HEMO\_HUMAN Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2 ALPQPQN#VTSLLGCTH

HEMO\_HUMAN Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2 N#GTGHGN#STHHGPEYMR

IGHG4\_HUMAN Ig gamma-4 chain C region OS=Homo sapiens GN=IGHG4 PE=1 SV=1 EEQFN#STYR

IGHG2\_HUMAN Ig gamma-2 chain C region OS=Homo sapiens GN=IGHG2 PE=1 SV=2 EEQFN#STFR

IGHG3\_HUMAN Ig gamma-3 chain C region OS=Homo sapiens GN=IGHG3 PE=1 SV=2 EEQYN#STFR

CERU\_HUMAN Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1 EHEGAIYPD#TTDFQR

CERU\_HUMAN Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1 ELHHLQEQN#VSNAFLDK

CERU\_HUMAN Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1 EN#LTAPGSDSAVFFEQGTTR

CERU\_HUMAN Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1 ELHHLQEQN#VSNAFLDKGEFYIGSK

CLUS\_HUMAN Clusterin OS=Homo sapiens GN=CLU PE=1 SV=1 HN#STGCLR

CLUS\_HUMAN Clusterin OS=Homo sapiens GN=CLU PE=1 SV=1 EDALN#ETR

CLUS\_HUMAN Clusterin OS=Homo sapiens GN=CLU PE=1 SV=1 KEDALN#ETR

	GN=CLU PE=1 SV=1	
CLUS_HUMAN	Clusterin OS=Homo sapiens	KKEDALN#ETR
	GN=CLU PE=1 SV=1	
CLUS_HUMAN	Clusterin OS=Homo sapiens	LAN#LTQGEDQYYLR
	GN=CLU PE=1 SV=1	
IGHA2_HUMAN	Ig alpha-2 chain C region OS=Homo sapiens	TPLTAN#ITK
	GN=IGHA2 PE=1 SV=3	
IGHA2_HUMAN	Ig alpha-2 chain C region OS=Homo sapiens	LSLHRPALEDLLLGSEAN#LTCTLTGLR
	GN=IGHA2 PE=1 SV=3	
IGHA1_HUMAN	Ig alpha-1 chain C region OS=Homo sapiens	LAGKPTHVN#VSVVMAEVDGTCY
	GN=IGHA1 PE=1 SV=2	
IGHA1_HUMAN	Ig alpha-1 chain C region OS=Homo sapiens	LSLHRPALEDLLLGSEAN#LTCTLTGLR
	GN=IGHA1 PE=1 SV=2	
A1AG1_HUMAN	Alpha-1-acid glycoprotein 1 OS=Homo sapiens	EN#GTISR
	GN=ORM1 PE=1 SV=1	
A1AG1_HUMAN	Alpha-1-acid glycoprotein 1 OS=Homo sapiens	QDQCIYN#TTYLNVQR
	GN=ORM1 PE=1 SV=1	
ANT3_HUMAN	Antithrombin-III OS=Homo sapiens	WVSN#KTEGR
	GN=SERPINC1 PE=1 SV=1	
ANT3_HUMAN	Antithrombin-III OS=Homo sapiens	LGACN#DTLQQLMEVFK
	GN=SERPINC1 PE=1 SV=1	
ANT3_HUMAN	Antithrombin-III OS=Homo sapiens	SLTFN#ETYQDISELVYGAK
	GN=SERPINC1 PE=1 SV=1	
ANT3_HUMAN	Antithrombin-III OS=Homo sapiens	LGACN#DTLQQLMEVFKFDTISEK
	GN=SERPINC1 PE=1 SV=1	

SV=1

ZA2G_HUMAN	Zinc-alpha-2-glycoprotein		DIVEYYN#DSN#GSHVLQGR
	OS=Homo sapiens	GN=AZGP1	
	PE=1	SV=1	
HPT_HUMAN	Haptoglobin	OS=Homo sapiens	NLFLN#HSEN#ATAK
	GN=HP	PE=1	SV=1
HPT_HUMAN	Haptoglobin	OS=Homo sapiens	VVLHPN#YSQVDIGLIK
	GN=HP	PE=1	SV=1
HPT_HUMAN	Haptoglobin	OS=Homo sapiens	MVSHHN#LTTGATLINEQWLLTTAK
	GN=HP	PE=1	SV=1
APOB_HUMAN	Apolipoprotein	B-100	YDFN#SSMLYSTAK
	OS=Homo sapiens	GN=APOB	
	PE=1	SV=1	
APOB_HUMAN	Apolipoprotein	B-100	FVEGSHN#STVSLTTK
	OS=Homo sapiens	GN=APOB	
	PE=1	SV=1	
APOB_HUMAN	Apolipoprotein	B-100	FN#SSYLQGTNQTGR
	OS=Homo sapiens	GN=APOB	
	PE=1	SV=1	
APOB_HUMAN	Apolipoprotein	B-100	VNQNLVYESGLN#FSK
	OS=Homo sapiens	GN=APOB	
	PE=1	SV=1	
APOB_HUMAN	Apolipoprotein	B-100	FEVDSPVYN#ATWSASLK
	OS=Homo sapiens	GN=APOB	
	PE=1	SV=1	
APOB_HUMAN	Apolipoprotein	B-100	QVFPGLNYCTSGAYSN#ASSTDSASYPLTG
	OS=Homo sapiens	GN=APOB	DTR
	PE=1	SV=1	
IGHM_HUMAN	Ig mu chain C region	OS=Homo sapiens	N#NSDISSTR
	GN=IGHM	PE=1	SV=3
IGHM_HUMAN	Ig mu chain C region	OS=Homo sapiens	YKN#NSDISSTR
	GN=IGHM	PE=1	SV=3
IGHM_HUMAN	Ig mu chain C region	OS=Homo sapiens	GLTFQQN#ASSMCVDPQDTAIR
	GN=IGHM	PE=1	SV=3

IGHM_HUMAN	Ig mu chain C region OS=Homo sapiens GN=IGHM PE=1 SV=3	THTN#ISESHPN#ATFSAVGEASICEDDWNS GER
VTNC_HUMAN	Vitronectin OS=Homo sapiens GN=VTN PE=1 SV=1	NN#ATVHEQVGGPSLTSDLQAQSK
CO4A_HUMAN	Complement C4-A OS=Homo sapiens GN=C4A PE=1 SV=1	GLN#VTLSTGR
CO4A_HUMAN	Complement C4-A OS=Homo sapiens GN=C4A PE=1 SV=1	FSDGLESN#SSTQFEVK
APOH_HUMAN	Beta-2-glycoprotein OS=Homo sapiens GN=APOH PE=1 SV=3	1 LGN#WSAMPSCK
APOH_HUMAN	Beta-2-glycoprotein OS=Homo sapiens GN=APOH PE=1 SV=3	1 VYKPSAGN#NSLYR
AACT_HUMAN	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2	YTGN#ASALFILPDQDK
AACT_HUMAN	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2	FN#LTETSEAEIHQSFQHLLR
HRG_HUMAN	Histidine-rich glycoprotein OS=Homo sapiens GN=HRG PE=1 SV=1	VIDFN#CTTSSVSSALANTK
CFAH_HUMAN	Complement factor OS=Homo sapiens GN=CFH PE=1 SV=4	H MDGASN#VTCINSR
CFAH_HUMAN	Complement factor OS=Homo sapiens GN=CFH PE=1 SV=4	H ISEEN#ETTCYMGK
CFAH_HUMAN	Complement factor OS=Homo sapiens GN=CFH PE=1 SV=4	H IPCSQPPQIEHGTIN#SSR
A1AG2_HUMAN	Alpha-1-acid glycoprotein OS=Homo sapiens GN=ORM2 PE=1 SV=2	2 EN#GTVSR

A1AG2_HUMAN	Alpha-1-acid glycoprotein 2	QNCQFYN#SSYLVNQR
	OS=Homo sapiens GN=ORM2	
	PE=1 SV=2	
CBG_HUMAN	Corticosteroid-binding globulin	AQLLQGLGFN#LTER
	OS=Homo sapiens	
	GN=SERPINA6 PE=1 SV=1	
KAIN_HUMAN	Kallistatin	DFYVDEN#TTVR
	OS=Homo sapiens	
	GN=SERPINA4 PE=1 SV=3	
KAIN_HUMAN	Kallistatin	SQILEGLGFN#LTELSESDVHR
	OS=Homo sapiens	
	GN=SERPINA4 PE=1 SV=3	
KNG1_HUMAN	Kininogen-1	ITYSIVQTN#CSK
	OS=Homo sapiens	
	GN=KNG1 PE=1 SV=2	
KNG1_HUMAN	Kininogen-1	LNAENN#ATFYFK
	OS=Homo sapiens	
	GN=KNG1 PE=1 SV=2	
C4BPA_HUMAN	C4b-binding protein alpha chain	LSVDKDQYVEPEN#VTIQCDSGYGVVGPQS
	OS=Homo sapiens	ITCSG NR
	GN=C4BPA PE=1 SV=2	
APOD_HUMAN	Apolipoprotein D	ADGTVNQIEGEATPVN#LTEPAK
	OS=Homo sapiens	
	GN=APOD PE=1 SV=1	
APOD_HUMAN	Apolipoprotein D	ADGTVNQIEGEATPVN#LTEPAKLEVK
	OS=Homo sapiens	
	GN=APOD PE=1 SV=1	
FINC_HUMAN	Fibronectin	DQCIVDDITYNVN#DTFHK
	OS=Homo sapiens	
	GN=FN1 PE=1 SV=3	
FINC_HUMAN	Fibronectin	LDAPTNLQFVN#ETDSTVLVR
	OS=Homo sapiens	
	GN=FN1 PE=1 SV=3	
ITIH4_HUMAN	Inter-alpha-trypsin inhibitor heavy chain H4	LPTQN#ITFQTESSVAEQAEFQSPK
	OS=Homo sapiens	
	GN=ITIH4 PE=1 SV=4	
LG3BP_HUMAN	Galectin-3-binding protein	DAGVVCTN#ETR
	OS=Homo sapiens	
	GN=LGALS3BP PE=1 SV=1	
LG3BP_HUMAN	Galectin-3-binding protein	AAIPSALDTN#SSK
	OS=Homo sapiens	
	GN=LGALS3BP PE=1 SV=1	

LG3BP_HUMAN	Galectin-3-binding protein	OS=Homo sapiens	ALGFEN#ATQALGR
		GN=LGALS3BP PE=1 SV=1	
LG3BP_HUMAN	Galectin-3-binding protein	OS=Homo sapiens	GLN#LTEDTYKPR
		GN=LGALS3BP PE=1 SV=1	
BTD_HUMAN	Biotinidase	OS=Homo sapiens	FN#DTEVLQR
		GN=BTD PE=1 SV=2	
BTD_HUMAN	Biotinidase	OS=Homo sapiens	NPVGLIGAEN#ATGETDPSHSK
		GN=BTD PE=1 SV=2	
AFAM_HUMAN	Afamin	OS=Homo sapiens	DIENFN#STQK
		GN=AFM PE=1 SV=1	
AFAM_HUMAN	Afamin	OS=Homo sapiens	YAEDKFN#ETTEK
		GN=AFM PE=1 SV=1	
ATRN_HUMAN	Attractin	OS=Homo sapiens	GICN#SSDVR
		GN=ATRN PE=1 SV=2	
ATRN_HUMAN	Attractin	OS=Homo sapiens	IDSTGN#VTNELR
		GN=ATRN PE=1 SV=2	
ATRN_HUMAN	Attractin	OS=Homo sapiens	N#HSCSEGQISIFR
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KLKB1_HUMAN	Plasma kallikrein	OS=Homo sapiens	GVNFN#VSK
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KLKB1_HUMAN	Plasma kallikrein	OS=Homo sapiens	IYSGILN#LSDITK
		GN=KLKB1 PE=1 SV=1	
KLKB1_HUMAN	Plasma kallikrein	OS=Homo sapiens	IYPGVDFGGEELN#VTFVK
		GN=KLKB1 PE=1 SV=1	
IGJ_HUMAN	Immunoglobulin J chain	OS=Homo sapiens	EN#ISDPTSPLR
		GN=IGJ PE=1 SV=4	
FHR1_HUMAN	Complement factor H-related protein 1	OS=Homo sapiens	LQNNENN#ISCOVER
		GN=CFHR1 PE=1 SV=2	
C4BPB_HUMAN	C4b-binding protein beta chain	OS=Homo sapiens	EWDN#TTTECR
		GN=C4BPB PE=1 SV=1	

C4BPB_HUMAN	C4b-binding protein beta chain OS=Homo sapiens GN=C4BPB PE=1 SV=1	LGHCPDPVLVNGEFSSSGPVN#VSDK
MUCB_HUMAN	Ig mu heavy chain disease protein OS=Homo sapiens PE=1 SV=1	THTN#ISESHPN#ATFSAVGEASICEDDWDS GER
CFAI_HUMAN	Complement factor I OS=Homo sapiens GN=CFI PE=1 SV=1	FLNN#GTCTAEGK
CFAI_HUMAN	Complement factor I OS=Homo sapiens GN=CFI PE=1 SV=1	LSDLSIN#STECLHVHCR
PON1_HUMAN	Serum paraoxonase/arylesterase 1 OS=Homo sapiens GN=PON1 PE=1 SV=2	HAN#WTLTPLK
PON1_HUMAN	Serum paraoxonase/arylesterase 1 OS=Homo sapiens GN=PON1 PE=1 SV=2	VTQVYAEN#GTVLQGSTVASVYK
PEDF_HUMAN	Pigment epithelium-derived factor OS=Homo sapiens GN=SERPINF1 PE=1 SV=3	VTQN#LTLIEESLTSEFIHDIDR
CO9_HUMAN	Complement component C9 OS=Homo sapiens GN=C9 PE=1 SV=2	AVN#ITSENLIDDVSLIR
LUM_HUMAN	Lumican OS=Homo sapiens GN=LUM PE=1 SV=2	LHINHNN#LTESVGPLPK
LUM_HUMAN	Lumican OS=Homo sapiens GN=LUM PE=1 SV=2	LGSFEGLVN#LTFIHLQHNR
LUM_HUMAN	Lumican OS=Homo sapiens GN=LUM PE=1 SV=2	AFEN#VTDLQWLILDHNLLENSK
CPN2_HUMAN	Carboxypeptidase N subunit 2 OS=Homo sapiens GN=CPN2 PE=1 SV=2	AFGSNPN#LTK
CPN2_HUMAN	Carboxypeptidase N subunit 2 OS=Homo sapiens GN=CPN2	LYLGSNN#LTALHPALFQN#LSK



PE=1 SV=2

IBP3_HUMAN	Insulin-like growth factor-binding protein 3	OS=Homo sapiens GN=IGFBP3 PE=1 SV=2	GLCVN#ASAVSR
THRB_HUMAN	Prothrombin	OS=Homo sapiens GN=F2 PE=1 SV=2	GHVN#ITR
THRB_HUMAN	Prothrombin	OS=Homo sapiens GN=F2 PE=1 SV=2	N#FTENDLLVR
THRB_HUMAN	Prothrombin	OS=Homo sapiens GN=F2 PE=1 SV=2	YPHKPEIN#STTHPGADLQENFCR
C1QA_HUMAN	Complement subcomponent subunit A	C1q OS=Homo sapiens GN=C1QA PE=1 SV=2	RNPPMGGNVVIFDTVITNQEEPYQN#HSGR
TSP1_HUMAN	Thrombospondin-1	OS=Homo sapiens GN=THBS1 PE=1 SV=2	VVN#STTGPGEHLR
HEP2_HUMAN	Heparin cofactor 2	OS=Homo sapiens GN=SERPIND1 PE=1 SV=3	DFVN#ASSK
SEPP1_HUMAN	Selenoprotein P	OS=Homo sapiens GN=SEPP1 PE=1 SV=3	EGYSN#ISYIVVNHQGISSR
CHP1_HUMAN	Calcium-binding protein p22	OS=Homo sapiens GN=CHP PE=1 SV=3	GEN#GTLSR
IGHD_HUMAN	Ig delta chain C region	OS=Homo sapiens GN=IGHD PE=1 SV=2	TLLN#ASR
CHLE_HUMAN	Cholinesterase	OS=Homo sapiens GN=BCHE PE=1 SV=1	DN#NSIITR
PHLD_HUMAN	Phosphatidylinositol-glycan-specific phospholipase D	OS=Homo sapiens GN=GPLD1 PE=1 SV=3	N#LTTSLTESVDR

PGRP2_HUMAN	N-acetylmuramoyl-L-alanine amidase OS=Homo sapiens GN=PGLYRP2 PE=1 SV=1	GFGVAIVGN#YTAALPTEAALR
PGRP2_HUMAN	N-acetylmuramoyl-L-alanine amidase OS=Homo sapiens GN=PGLYRP2 PE=1 SV=1	LEPVHLQLQCMSQEQLAQAAN#ATK
APOM_HUMAN	Apolipoprotein M OS=Homo sapiens GN=APOM PE=1 SV=2	TELFSSSCP GGIMLN#ETGQG YQR
LPAL2_HUMAN	Apolipoprotein(a)-like protein 2 OS=Homo sapiens GN=LPAL2 PE=2 SV=1	WEYCN#LTR
THBG_HUMAN	Thyroxine-binding globulin OS=Homo sapiens GN=SERPINA7 PE=1 SV=2	TLYETEVFSTDFSN#ISAAK
CO6_HUMAN	Complement component C6 OS=Homo sapiens GN=C6 PE=1 SV=3	VLN#FTTK
WDTC1_HUMAN		VN#ITR
LAMB2_HUMAN	Laminin subunit beta-2 OS=Homo sapiens GN=LAMB2 PE=1 SV=2	VN#LTR
PLTP_HUMAN	Phospholipid transfer protein OS=Homo sapiens GN=PLTP PE=1 SV=1	VSN#VSCQASVSR
FA10_HUMAN	Coagulation factor X OS=Homo sapiens GN=F10 PE=1 SV=2	GDNN#LTR
LYAM1_HUMAN	L-selectin OS=Homo sapiens GN=SELL PE=1 SV=2	DN#YTDLVAIQNK
C1S_HUMAN	Complement C1s subcomponent OS=Homo sapiens GN=C1S PE=1 SV=1	NCGVN#CSGDVFTALIGEIASPNYPKYPEN SR
LYVE1_HUMAN	Lymphatic vessel endothelial hyaluronic acid receptor 1 OS=Homo sapiens GN=LYVE1 PE=1 SV=2	ANQQLN#FTEAK

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