

HP recombinant protein

Recombinant Human HP Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263212	E Coli	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

HP; Recombinant Human HP Protein; Haptoglobin; Zonulin; HP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of PBS, 1mM DTT, pH 7.4.
Sequence	VDSGNDVTDI ADDGCPKPPE IAHGVEHSV RYQCKNYYKL RTEGDGVYTL NDKKQWINKA VGDKLPECEA DDGCPKPPEI AHGYVEHSVR YQCKNYYKL TECDGVYTLN NEKQWINKAV GDKLPECEAV CGKPKNPANP VQRILGGHLD AKGSFPWQAK MVSHHNLTTG ATLINEQWLL TTAKNLFLNH SENATAKDIA PTLTYVGKK QLVEIEKVVL HPNYSQVDIG LIKLKQKVSV NERVMPICLP SKDYAEVGRV GYVSGWGRNA NFKFTDHLKY VMLPVADQDQ CIRHYEGSTV PEKKTSPV GVQPILNEHT FCAGMSKYQE DTCYGDAGSA FAVHDLLEEDT WYATGILSFD KSCAVAEYGV YVKVTSIQDW VQKTIAENVD HHHHHH
Applicable Applications for HP recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for HP recombinant protein	Recombinant Human HP Protein is produced by our E Coli expression system and the target gene encoding Cys145-Asn406 is expressed with a 6His tag at the N-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186910296
NCBI GeneID	3240
NCBI Accession #	NP_001119574.1
NCBI GenBank Nucleotide #	NM_001126102.2
UniProt Accession #	P00738; P00737; Q0VAC4; Q0VAC5; Q2PP15; Q3B7J0; Q6LBY9; Q9UC67; B0AZL5
NCBI Official Full Name	haptoglobin isoform 2 preproprotein

NCBI Official Synonym Full Names	haptoglobin
NCBI Official Symbol	HP
NCBI Official Synonym Symbols	BP; HPA1S; HP2ALPHA2
NCBI Protein Information	haptoglobin
UniProt Protein Name	Haptoglobin
UniProt Gene Name	HP
UniProt Entry Name	HPT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hp-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263212>