

HP recombinant protein

HP, 19-347aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48876	HOST E Coli	APPLICATIONS SDS-Page
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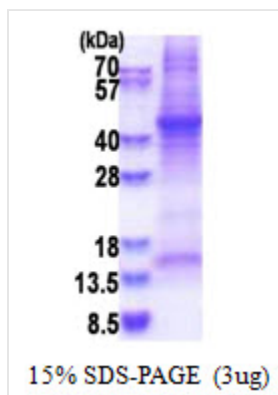
PRODUCT SYNONYMS

HP; 19-347aa; Human; His tag; E Coli (Denatured); Haptoglobin isoform 2 preproprotein; BP; HP2ALPHA2; HPA1S; HP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.4M urea
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSVDSGNDV TDIADDGCPK PPEIAHGYVE HSVRYQCKNY YKLRTGDGV YTLNNEKQWI NKA VGDKLPE CEAVCGKPKN PANPVQRILG GHLDAGSFP WQAKMVSHHN LTTGATLINE QWLLTTAKNL FLNHSENATA KDIAPTLTLY VGKKQLVEIE KVVLPNYSQ VDGLIKLKQ KVS VNERVMP ICLPSKDYAE VGRVGYVSGW GRNANFKFTD HLKYVMLPVA DQDQCI RHYE GSTVPEKKTP KSPVGVQPIL NEHTFCAGMS KYQEDTCYGD AGSAFAVHDL EEDTWYATGI LSF DKSCAVA EYGVYVKVTS IQDWVQKTIA EN
Sequence Length	347
Applicable Applications for HP recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for HP recombinant protein	HP, as known as haptoglobin, is processed to yield both alpha and beta chains, which subsequently combine as a tetramer to produce haptoglobin. In blood plasma, haptoglobin binds free hemoglobin (Hb) released from erythrocytes with high affinity and thereby inhibits its oxidative activity. The haptoglobin-hemoglobin complex will then be removed by the reticuloendothelial system (mostly the spleen). Recombinant human HP protein, fused to His-tag at N-terminus, was expressed in E Coli
Product Categories/Family for HP recombinant protein	Cardiovascular
References	Dobryszczyka W. et al. (1997) Eur J Clin Chem Clin Biochem. 35:647-654.; Wassell J. et al. (2000) Clin. Lab. 46:547-552.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	186910296
NCBI GeneID	3240
NCBI Accession #	NP_001119574
NCBI GenBank Nucleotide #	NM_001126102.2
UniProt Accession #	P00738; P00737; Q0VAC4; Q0VAC5; Q2PP15; Q3B7J0; Q6LBY9; Q9UC67; B0AZL5
Molecular Weight	39.0 kDa (352aa)
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

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://stage.aaabiotech.com/hp-recombinant-protein-e-coli-sds-page/48876>