

HPR recombinant protein

HPR, 20-348aa, Human, His tag, E Coli

CATALOG # AAA48860	HOST E Coli	APPLICATIONS SDS-Page
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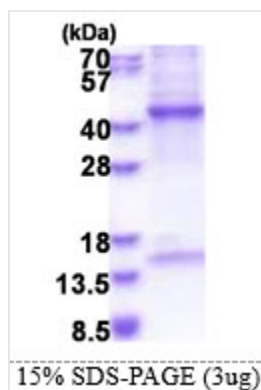
PRODUCT SYNONYMS

HPR; 20-348aa; Human; His tag; E Coli; Haptoglobin-related protein; A-259H10.2; HP; HPR recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.5) containing 20% glycerol, 1mM DTT, 0.15M NaCl
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSLYSGNDV TDISDDRFPK PPEIANGYVE HLFYQCKNY YRLRTEGDGV YTLNDKKQWI NKA VGDKLPE CEAVCGKPKN PANPVQRILG GHLDAGSFP WQAKMVSHHN LTTGATLINE QWLLTTAKNL FLNHSENATA KDIAPTLTLY VGKKQLVEIE KVVLPNYHQ VDIGLIKQ KVLVNERVMP ICLPSKNYAE VGRVGYVSGW GQSDNFKLTD HLKYVMLPVA DQYDCITHYE GSTCPKWKAP KSPVGVQPIL NEHTFCVGMS KYQEDTCYGD AGSAFAVHDL EEDTWYAAGI LSFDKSCAVA EYGVYVKVTS IQHWVQKTIA EN
Sequence Length	348
Applicable Applications for HPR recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HPR recombinant protein	HPR, also known as Haptoglobin-related protein, is a primate-specific plasma protein associated with apolipoprotein L-I (apoL-I)-containing high-density lipoprotein (HDL) particles shown to be a part of the innate immune defense. HPR-bound hemoglobin might contribute to the biologic activity of the circulating apoL-I/Hpr-containing HDL particles. Recombinant human HPR protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for HPR recombinant protein	Cancer
References	Nielsen MJ. et al. (2008) Blood. 108:2846-2849.; Imrie HJ. et al. (2012) PLoS One. 7:e49816;

NCBI AND UNIPROT INFORMATION

NCBI GI #	45580723
NCBI GeneID	3250
NCBI Accession #	NP_066275
NCBI GenBank Nucleotide #	NM_020995.3
UniProt Accession #	P00739; Q7LE20; Q92658; Q92659; Q9ULB0
Molecular Weight	39.3 kDa (352aa) confirmed by MALDI-TOF
NCBI Official Full Name	haptoglobin-related protein
NCBI Official Synonym Full Names	haptoglobin-related protein
NCBI Official Symbol	HPR
NCBI Official Synonym Symbols	HP; A-259H10.2
NCBI Protein Information	haptoglobin-related protein
UniProt Protein Name	Haptoglobin-related protein
UniProt Gene Name	HPR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hpr-recombinant-protein-e-coli-sds-page/48860>