

Haptoglobin B-Chain Recombinant Protein | HP recombinant protein

Haptoglobin B-Chain

CATALOG #
AAA58743

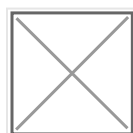
PRODUCT SYNONYMS

Haptoglobin B-Chain; Hp; Bp; Haptoglobin beta-Chain; HP recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid
Sequence Length	406
Buffer	Buffered 50% glycerol

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HP recombinant protein	Haptoglobin is a glycoprotein secreted in the blood plasma that binds free haemoglobin thereby inhibiting its oxidative activity and preventing iron loss following haemolysis. Haptoglobin also regulates the activity of many cell types of the immune system and is an extracellular chaperone. Haptoglobin is produced mostly by hepatocytes but also by other tissues: e.g. skin, lung and kidney. Haptoglobin is a tetramer of two alpha - and two beta-chains, connected by disulfide bridges. The chains originate from a common precursor protein, which is proteolytically cleaved during protein synthesis. Recombinant Haptoglobin beta -chain comprises a 245 amino acid fragment (162-406) corresponding to the mature haptoglobin beta -chain and is expressed in E Coli with an amino-terminal hexahistidine tag. This product is not intended for therapeutic use.
Product Categories/Family for HP recombinant protein	Recombinant Proteins ; Haptoglobin beta-Chain
References	Yang, F. et al., Proc. Natl. Acad. Sci. USA 80 (19):5875-5879 (1983). Kurosky, A. et al., Proc. Natl. Acad. Sci. USA 77 (6): 3388-3392 (1980).

NCBI AND UNIPROT INFORMATION

NCBI GI #	386783
Molecular Weight	38,452 Da
NCBI Official Full Name	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/58743>