

Recombinant Mouse Hp Protein, MYC/DDK-tagged

Cat. No. Hp-1162M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse haptoglobin (Hp), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a plasma glycoprotein called haptoglobin that binds free hemoglobin. The encoded preproprotein undergoes proteolytic processing to generate alpha and beta subunits that form a disulfide-linked tetrameric protein that plays an important role in the sequestration and clearance of extracorporeal hemoglobin. Mice lacking the encoded protein exhibit stunted development of lymphoid organs associated with lower counts of mature T and B cells in the blood and secondary lymphoid compartments.
Molecular Mass	38.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hp haptoglobin [*Mus musculus* (house mouse)]

Official Symbol Hp

Synonyms Hp; haptoglobin; HP-1; preHP2; haptoglobin; zonulin

Gene ID 15439

mRNA Refseq NM_017370

Protein Refseq NP_059066

UniProt ID Q61646

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