

Native Mouse Haptoglobin

Cat. No. Hp-134M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Mouse Hp was expressed in Mouse Serum.
Species	Mouse
Source	Mouse Serum
Description	Hp is a pre-protein in the blood plasma processed to yield both alpha and beta chains, which subsequently combine as a tetramer to produce haptoglobin. Hp functions to bind free plasma Hemoglobin, which allows degradative enzymes to gain access to the Hemoglobin, while at the same time preventing loss of iron through the kidneys and protecting the kidneys from damage by Hemoglobin.
Form	Liquid in 10 mM TrisCl pH 7.4 + 150mM NaCl.
Molecular Weight	38.8 kDa
Purity	> 90% by SDS-PAGE.
Concentration	Typically > 0.5 mg/mL.
Storage	Store below -20°C. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Hp haptoglobin [<i>Mus musculus</i>]
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Official Symbol	Hp
Synonyms	Hp; haptoglobin;HP-1
Gene ID	15439
mRNA Refseq	NM_017370
Protein Refseq	NP_059066
Chromosome Location	8 D3; 8 55.0 cM
Function	catalyticactivity; hemoglobin binding; protein homodimerization activity; serine-typeendopeptidase activity

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