Native Mouse Haptoglobin

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

SPECIFICATION

Product Overview	Native Mouse Hp wasexpressed in Mouse Serum.
Species	Mouse
Source	Mouse Serum
Description	Hp is apre-proprotein in the blood plasma processed to yield both alpha and betachains, which subsequently combine as a tetramer to produce haptoglobin. Hp functionsto bind free plasma Hemoglobin, which allows degradative enzymes to gain accessto the Hemoglobin, while at the same time preventing loss of iron through thekidneys and protecting the kidneys from damage by Hemoglobin.
Form	Liquid in 10 mMTrisCl pH 7.4 + 150mM NaCl.
Molecular Weight	38.8 kDa
Purity	> 90% bySDS-PAGE.
Concentration	Typically > 0.5 mg/mL.
Storage	Store below -20°C. Avoidrepeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Hp haptoglobin [Musmusculus]

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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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