

Native Bovine Haptoglobin

Cat. No. HP-133B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine HP was expressed in Bovine Serum.
Species	Bovine
Source	Bovine Serum
Description	HP appears to be an immunomodulator or acute phase protein found in the serum. HP levels increase during the acute phase response to inflammation or infection. In human blood plasma, HP binds free hemoglobin (Hb) with high affinity, thereby inhibiting the oxidative activity. The removal of Hb-HP complexes results in a decrease in HP protein levels seen in hemolytic anemias.
Form	10 mM TrisCl pH 7.4+ 150 mM NaCl.
Purity	> 96%
Concentration	> 0.5 mg/mL
Storage	Store at -20°C. Avoid repeated freeze-thaws 1 year.

GENE INFORMATION

Gene Name	HP haptoglobin [Bos taurus]
Official Symbol	HP

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Synonyms	HP; haptoglobin;MGC133752
Gene ID	280692
mRNA Refseq	NM_001040470
Protein Refseq	NP_001035560
Chromosome Location	18
Function	catalyticactivity; hemoglobin binding; serine-type endopeptidase activity

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