

# Native Bovine Haptoglobin

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

## SPECIFICATION

<b>Product Overview</b>	Native Bovine HP was expressed in Bovine Serum.
<b>Species</b>	Bovine
<b>Source</b>	Bovine Serum
<b>Description</b>	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.
<b>Form</b>	10 mM TrisCl pH 7.4+ 150 mM NaCl.
<b>Purity</b>	> 96%
<b>Concentration</b>	> 0.5 mg/mL
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaws 1 year.

## GENE INFORMATION

<b>Gene Name</b>	HP haptoglobin [ <i>Bos taurus</i> ]
<b>Official Symbol</b>	HP

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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



<b>Synonyms</b>	HP; haptoglobin;MGC133752
<b>Gene ID</b>	<a href="#">280692</a>
<b>mRNA Refseq</b>	<a href="#">NM_001040470</a>
<b>Protein Refseq</b>	<a href="#">NP_001035560</a>
<b>Chromosome Location</b>	18
<b>Function</b>	catalyticactivity; hemoglobin binding; serine-type endopeptidase activity

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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