

Native Swine Haptoglobin

Cat. No. HP-193S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Porcine Serum Haptoglobin.
Species	Pig
Source	Porcine Serum
Description	Haptoglobin (frequently abbreviated as Hp) is a protein in the blood plasma that binds free hemoglobin released from erythrocytes with high affinity and thereby inhibits its oxidative activity. The haptoglobin-hemoglobin complex will then be removed by the reticuloendothelial system (mostly the spleen). Haptoglobin is a serum protein that consists of two alpha and two beta chains connected by disulfide bridges. It acts as a hemoglobin scavenger and has been associated with protease inhibitory activity. It is a positive acute phase reactant, the levels of which increase significantly in pig in response to inflammation, tissue injury or disease.
Form	Liquid in 10mM Sodium Phosphate pH 7.2, 150Mm NaCl
Purity	>90% by SDS-PAGE
Storage	Store at < -20="">
Concentration	Typically >0.5 mg/mL

GENE INFORMATION

 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

Gene Name	HP haptoglobin [<i>Sus scrofa</i>]
Official Symbol	HP
Synonyms	haptoglobin; zonulin; haptoglobin alpha 1S
Gene ID	397061
mRNA Refseq	NM_214000
Protein Refseq	NP_999165
UniProt ID	Q8SPS7
Chromosome Location	6p15-p14; 6
Pathway	Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; Scavenging of heme from plasma, organism-specific biosystem
Function	antioxidant activity; catalytic activity; hemoglobin binding

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