

## Product datasheet for **TP750140**

### HPR (NM\_020995) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human haptoglobin-related protein (HPR),Leu20-End, with N-terminal His tag, expressed in E. coli, 100ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Leu20-End) of HPR
Tag:	Tag Free
Predicted MW:	36.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 1% sarkosyl
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_066275</a>
Locus ID:	3250
UniProt ID:	<a href="#">P00739</a>
RefSeq Size:	1245
Cytogenetics:	16q22.2
RefSeq ORF:	1044
Synonyms:	A-259H10.2; HP



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**Summary:**

This gene encodes a haptoglobin-related protein that binds hemoglobin as efficiently as haptoglobin. Unlike haptoglobin, plasma concentration of this protein is unaffected in patients with sickle cell anemia and extensive intravascular hemolysis, suggesting a difference in binding between haptoglobin-hemoglobin and haptoglobin-related protein-hemoglobin complexes to CD163, the hemoglobin scavenger receptor. This protein may also be a clinically important predictor of recurrence of breast cancer. [provided by RefSeq, Oct 2011]

**Protein Families:**

Druggable Genome, Protease, Secreted Protein

**Product images:**