

## Product datasheet for **TP523507**

### Hp (NM\_017370) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse haptoglobin (Hp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR223507 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MRALGAVTLLLWGQLFAVELGNDAMDFEDDSCPPEIANGYVEHLVRYRCRQFYRLRAEGDGVYTLND  
EKQWVNTVAGEKLPECEAVCGKPKHPVDQVQRIIGGSMADAKGSFPWQAKMISRHLTTGATLISDQWLLT  
TAKNLFLNHSETASAKDITPTLTLYVGKNQLVEIEKVLHPNHSVVDIGLIKLRVLVTERVMPICLPS  
KDYIAPGRVGYVSGWGRNANFRFTDRLKYVMLPVADQDKCVVHYENSTVPEKKNLTSPVGVQPILNEHTF  
CAGLTKYQEDTCYGDAGSAFAIHMEEDTWYAAAGILSFDKSCAVAEGVYVVRATDLKDWVQETMAKN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 38.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**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 after receiving vials.

**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:** [NP\\_059066](#)

**Locus ID:** 15439

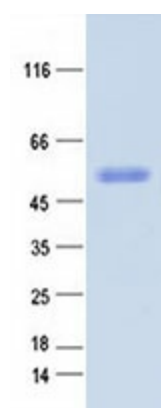
**UniProt ID:** [Q61646](#), [Q3UBS3](#)



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RefSeq Size:	1365
Cytogenetics:	8 57.11 cM
RefSeq ORF:	1044
Synonyms:	HP-; HP-1; pre; preHP2; zo
Summary:	This gene encodes a plasma glycoprotein called haptoglobin that binds free hemoglobin. The encoded preproprotein undergoes proteolytic processing to generate alpha and beta subunits that form a disulfide-linked tetrameric protein that plays an important role in the sequestration and clearance of extracorporeal hemoglobin. Mice lacking the encoded protein exhibit stunted development of lymphoid organs associated with lower counts of mature T and B cells in the blood and secondary lymphoid compartments. [provided by RefSeq, Aug 2016]

### Product images:



Purified recombinant protein Hp was analyzed by SDS-PAGE gel and Coomassie Blue Staining.