Recombinant Rat Hp protein, His & T7-tagged

Cat. No. Hp-7758R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hp aa. (Ser70~Arg332 (Accession # P06866)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser70~Arg332
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

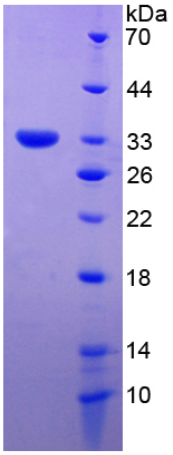
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Hp haptoglobin [Rattus norvegicus (Norway rat)]
Official Symbol	Hp
Synonyms	Ba1-647; liver regeneration-related protein LRRG173; zonulin; haptoglobin
Gene ID	24464
mRNA Refseq	NM_012582.2
Protein Refseq	NP_036714.2
UniProt ID	P06866

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SDS-PAGE	 15% SDS-PAGE

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