

Recombinant Rat Hp protein, His & T7-tagged

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

SPECIFICATION

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|-------------------------|---|
| 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 1g (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

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|------------------------|---|
| Gene Name | Hp haptoglobin [<i>Rattus norvegicus</i> (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 |

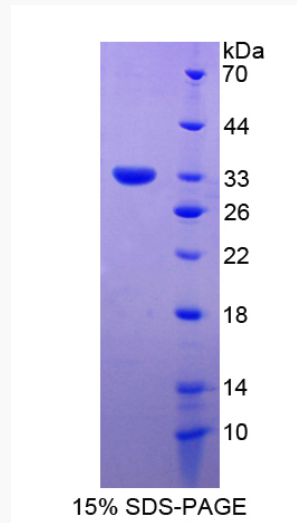
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SDS-PAGE



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