

Recombinant Rat Haptoglobin Protein (Met1-Asn347), His-tagged

Cat. No. HP-957R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Haptoglobin Protein (NP_036714.2) (Met1-Asn347) was produced by HEK293 Cells expression system. This protein was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asn347
Predicted N Terminal	Val 19
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat Hp consists of 340 amino acids and predicts a molecular mass of 38.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Storage Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name Hp haptoglobin [*Rattus norvegicus*]

Official Symbol HP

Synonyms HP; haptoglobin; liver regeneration-related protein LRRG173; Ba1-647;

Gene ID 24464

mRNA Refseq NM_012582

Protein Refseq NP_036714

UniProt ID P06866

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