

Recombinant Rat Hgf protein(Met1-Leu728)

Cat. No. Hgf-8806R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat HGF (NP_058713.1)(Met1-Leu728) was expressed and purified in HEK293.
Species	Rat
Source	HEK293
ProteinLength	1-728 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using Mv-1-lu mink lung epithelial cells. The ED50 for this effect is typically 1-6 ng/mL.
Molecular Mass	The recombinant rat HGF consists of 696 amino acids and has a predicted molecular mass of 79.3 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 92 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. 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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Hgf hepatocyte growth factor [*Rattus norvegicus*]

Official Symbol Hgf

Synonyms HGF; hepatocyte growth factor; SF; scatter factor; hepatopoeitin-A; hepatopoietin-A; HPTA;

Gene ID 24446

mRNA Refseq NM_017017

Protein Refseq NP_058713

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