

Recombinant Rat Hgf protein, His-tagged

Cat. No. Hgf-795R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hgf aa. (Cys306~Glu471) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Cys306~Glu471
Description	Plays a role in positive regulation of cell proliferation; may promote entry into the cell cycle.
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.8.
Applications	Positive Control; Immunogen; SDS-PAGE; WB
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200µg/mL

Storage buffer

10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Hgf hepatocyte growth factor [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hgf

Synonyms

Hgf; hepatocyte growth factor; HPTA; hepatocyte growth factor; SF; hepatopoeitin-A; hepatopoietin-A; scatter factor

Gene ID

24446

mRNA Refseq

NM_017017.2

Protein Refseq

NP_058713.1

UniProt ID

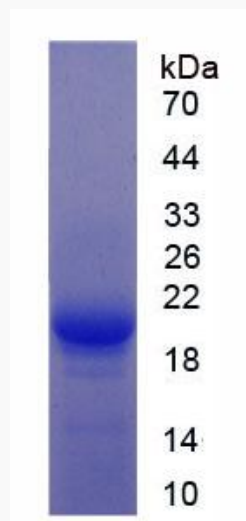
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SDS-PAGE



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