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 1μg (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

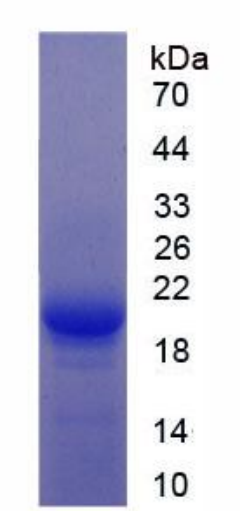
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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	P17945

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SDS-PAGE	

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