

## Active Recombinant Mouse Hgf protein(Met1-Leu728), His-tagged

**Cat. No.** Hgf-8664M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse HGF (Q08048-1) (Met1-Leu728) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu728
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to neutralize TGF-beta mediated inhibition on Mv-1-Lu cell proliferation. The ED50 for this effect is typically 1-8 ng/mL.
<b>Molecular Mass</b>	The recombinant mouse HGF comprises 707 amino acids and has a predicted molecular mass of 80.8 kDa. The apparent molecular mass of the protein is approximately 92 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 70 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 \[ Mus musculus \]](#)

**Official Symbol** [Hgf](#)

**Synonyms** HGF; hepatocyte growth factor; SF; scatter factor; hepatopoeitin-A; hepatopietin-A; NK1; NK2; HGF/SF; SF/HGF; C230052L06Rik;

**Gene ID** [15234](#)

**mRNA Refseq** [NM\\_010427](#)

**Protein Refseq** [NP\\_034557](#)

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