

## Recombinant Mouse Hgf Protein, MYC/DDK-tagged

**Cat. No.** Hgf-073M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse hepatocyte growth factor (Hgf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. The encoded preproprotein is proteolytically processed to generate multiple protein products, including the hepatocyte growth factor alpha and beta chains, which heterodimerize to form the mature active protein. Although this protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Homozygous knockout mice for this gene exhibit embryonic lethality due to impaired development of the placenta and liver. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Molecular Mass</b>	82.9 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 ug/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Hgf hepatocyte growth factor [ *Mus musculus* (house mouse) ]

**Official Symbol** Hgf

**Synonyms** Hgf; hepatocyte growth factor; SF; NK1; NK2; HGF/SF; SF/HGF; C230052L06Rik; hepatocyte growth factor; hepatopoietin-A; scatter factor

**Gene ID** 15234

**mRNA Refseq** NM\_010427

**Protein Refseq** NP\_034557

**UniProt ID** Q08048

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