

Recombinant Mouse Hgf Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hepatocyte growth factor (Hgf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	82.9 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 ug/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Hgf hepatocyte growth factor [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Hgf
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Synonyms	Hgf; hepatocyte growth factor; SF; NK1; NK2; HGF/SF; SF/HGF; C230052L06Rik; hepatocyte growth factor; hepatopoietin-A; scatter factor
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Gene ID	15234
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mRNA Refseq	NM_010427
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Protein Refseq	NP_034557
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UniProt ID	Q08048
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