Recombinant Mouse Hdgf Protein (Met1-Leu237), C-His tagged, Animal-free, Carrier-free

Cat. No. Hdgf-36M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hdgf Protein (Met1-Leu237) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Leu237
Description	Heparin Binding Growth Factors (HDGF) is a 27.6 kDa hepatoma-derived Growth Factors with 246 amino acid residues. HDGF is mainly expressed from mitochondria and proteasome. Functionally, it is a potent mitogen, stimulating the growth of vascular smooth muscle cells, hepatoma cells and endothelial cells, acting as a transcriptional repressor. HDGF is expressed in a variety of cancers.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 27.08 kDa. The protein migrates as 35-48 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.

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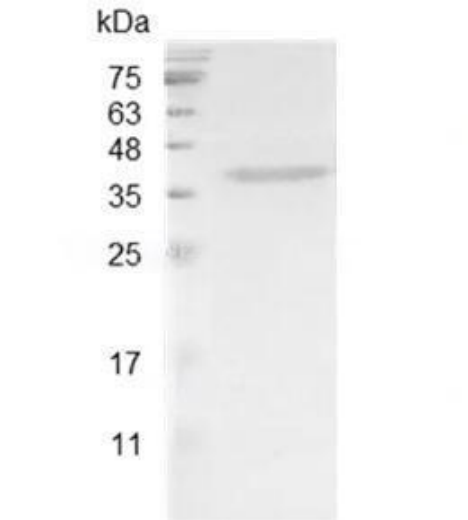
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Hdgf hepatoma-derived growth factor [Mus musculus (house mouse)]
Official Symbol	Hdgf
Synonyms	HDGF; hepatoma-derived growth factor; AI118077; D3Ertd299e;
Gene ID	15191
mRNA Refseq	NM_008231
Protein Refseq	NP_032257
UniProt ID	P51859

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SDS-PAGE analysis of recombinant mouse HDGF.



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