

Mouse HDGF, His Tag, E. coli

Catalog Number LDG074PME

Package 5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Mouse

Affinity Tag

His Tag (C-term)

Purity

>98% as determined by SDS-PAGE analysis.

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Expression system

Escherichia coli

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular weight

The protein has a calculated MW of 27.08 kDa. The protein migrates as 35-48 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

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Background

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.

Uniprot ID

#P51859

Synonyms

Hepatoma-derived Growth Factors, HDGF

Sequence Note

Met1-Leu237

Instruction

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.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

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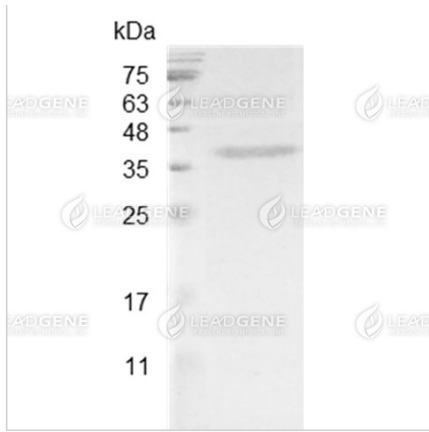
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SDS-PAGE analysis of recombinant mouse HDGF.

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