

Human HGF, His Tag, HEK293

Catalog Number LDG021PHM

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

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



Specifications

Species of Origin

Human

Affinity Tag

His Tag (C-term)

Purity

>90% as determined by SDS-PAGE analysis.

Endotoxin Level

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

Form

Lyophilized

Expression System

HEK293

Storage Buffer

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

Molecular weight

The protein has a calculated MW of 80.48 kDa. The protein migrates as 75-100 kDa under reducing condition (SDS-PAGE analysis).

Mycoplasma

Not detected

Background

Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677

Background

Hepatocyte Growth Factor (HGF) activates c-Met receptor's tyrosine kinase cascade, influencing cell growth and motility. Originating from mesenchymal cells, HGF is a multifunctional cytokine that plays a central role in angiogenesis, tumorigenesis, and tissue regeneration. Initially secreted as an inactive polypeptide, HGF undergoes cleavage to become an active heterodimeric molecule. The gene exhibits alternative splicing, resulting in diverse isoforms.

Sequence Note

Gln 32-Ser 728

Uniprot ID

P14210

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

Tainan Headquarter

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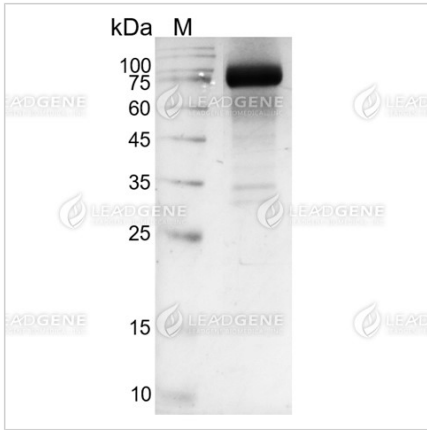
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SDS-PAGE analysis of
recombinant human HGF.

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