

Human FGF-9, His Tag, E. coli

Catalog Number	LDG075PHE
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

>95% as determined by SDS-PAGE analysis.

Activity

Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is <2 ng/mL.

Form

Lyophilized

Expression system

Escherichia coli

Buffer

Lyophilized from a 0.2 µm filtered solution contain 50 mM Tris, 150 mM NaCl, pH 8.5.

Molecular weight

The protein has a calculated MW of 22.14 kDa. The protein migrates as 24 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

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

Background

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Background

Fibroblast Growth Factors-9 (FGF-9) is a 23.4 kDa member of the fibroblast Growth Factors with 208 amino acid residues. FGF-9 is an important role embryonic development, cell proliferation, cell differentiation and cell migration in cell functions. It can regulate bone development, glial cell growth and differentiation during development, angiogenesis, differentiation and survival of neuronal cells.

Uniprot ID

#P31371

Synonyms

Glia-activating factor, GAF, Heparin-binding Growth Factors 9, HBGF-9, Fibroblast Growth Factors 9

Sequence Note

Pro3-Ser208

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 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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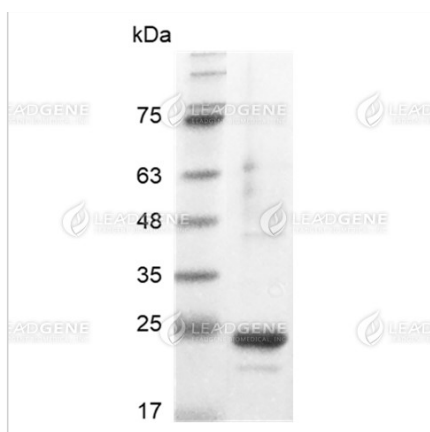
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SDS-PAGE analysis of recombinant human FGF-9.

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