

Human FGF-22, His-SUMO Tag, E. coli

Catalog Number LDG086PHE

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-SUMO Tag (N-term)

Purity

>98% 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 of PBS, pH 8.0.

Molecular weight

The protein has a calculated MW of 29.35 kDa. The protein migrates as 36 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-22 (FGF-22) is a 22.3 kDa member of the fibroblast Growth Factors with 209 amino acid residues. FGF-22 is expressed from brain, skin, horizontal cells, bipolar cells, rod photoreceptor cells, muller glia cells. Involving fasting response, glucose homeostasis, lipolysis, lipogenesis and hair development.

Uniprot ID

#Q9HCT0

Synonyms

Fibroblast Growth Factors 22

Sequence Note

Thr23-Ser170

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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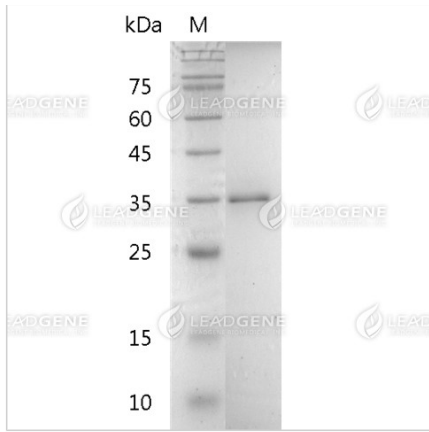
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SDS-PAGE analysis of recombinant human FGF-22.

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