

Human FGF-11 Isoform 2, His Tag, E. coli

Catalog Number LDG138PHE

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

>98% as determined by SDS-PAGE analysis.

Activity

Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is <1 ng/mL

Form

Lyophilized

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 19.34 kDa. The protein migrates as 23 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

The Fibroblast Growth Factors (FGF) family has two groups, secreted FGFs and intracellular FGFs (iFGFs). iFGFs are related to voltage-gated sodium (Nav) channels. Human FGF-11 isoform 2 is a 18 kDa cytokine with 166 amino acid residues.

Uniprot ID

#Q92914

Synonyms

Fibroblast Growth Factors-11 Isoform 2, FGF-11 Isoform 2

Sequence Note

Pro64-Pro225

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:

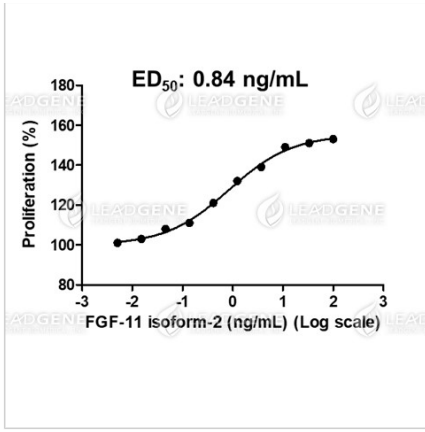
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

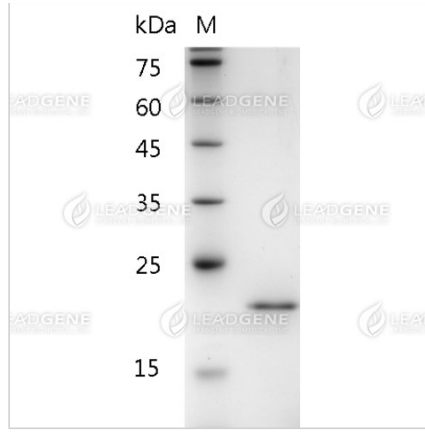
Shipping

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

Image



Human FGF-11 isoform 2, His Tag, E. coli (LDG138PHE) induced 3T3 cell proliferation, with the ED50 at 0.84 ng/mL.



SDS-PAGE analysis of recombinant human FGF-11 isoform 2.

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