

Human FGF-11 Isoform 1, His Tag, E. coli

Catalog Number	LDG137PHE
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

Expression System

Escherichia coli

Affinity Tag

His Tag (C-term)

Storage Buffer

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

Purity

>98% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 25.81 kDa. The protein migrates as 30 kDa under reducing condition (SDS-PAGE analysis).

Activity

Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is <0.2 ng/mL.

Endotoxin Level

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

Form

Lyophilized

Background

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Background

The Fibroblast Growth Factors (FGF) family has two group, secreted FGFs and intracellular FGFs (iFGFs). iFGFs are related to voltage-gated sodium (Nav) channels. Human FGF-11 isoform 1 is a 25 kDa cytokine with 225 amino acid residues.

Uniprot ID

#Q92914

Synonyms

Fibroblast Growth Factors-11 Isoform 1, FGF-11
Isoform 1

Sequence Note

Met1-Pro225

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

Tainan Headquarters

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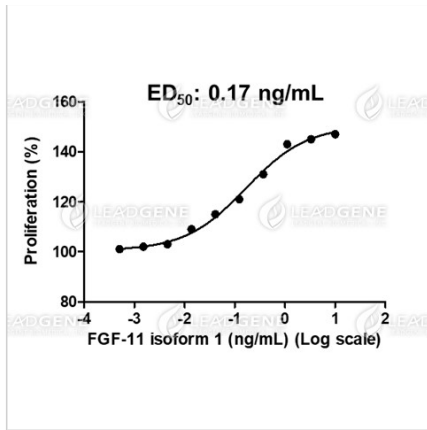
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Innovation & Research Center

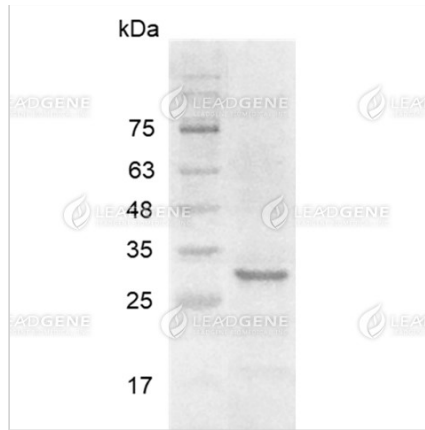
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Human FGF-11 isoform 1, His Tag, E. coli (LDG137PHE) induced 3T3 cell proliferation, with the ED50 at 0.17 ng/mL.



SDS-PAGE analysis of recombinant human FGF-11 isoform 1.

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