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 ED_{50} 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.

Synonyms

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

Uniprot ID

#Q92914

Sequence Note

Met1-Pro225

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

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

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.

Image

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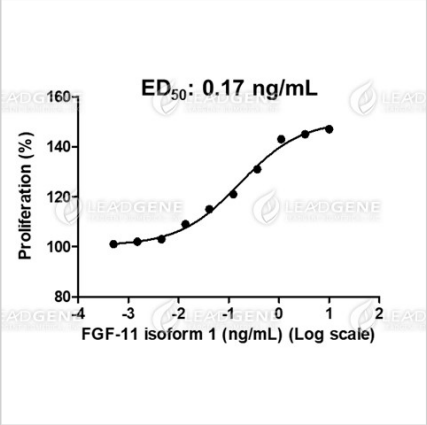
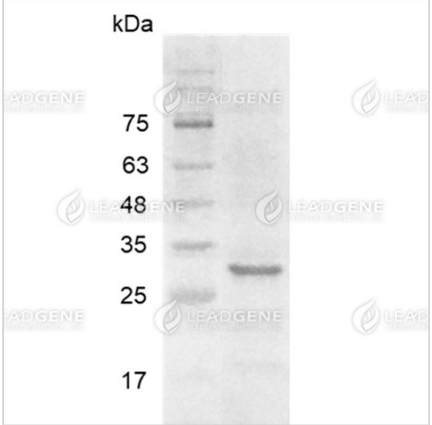


Human FGF-11 isoform 1, His Tag, E. coli (LDG137PHE) induced 3T3 cell proliferation, with the ED50 at 0.17 ng/mL.



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

Disclaimer : For Research Use or Further Manufacturing Only.

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