

## 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 ED<sub>50</sub> 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 H<sub>2</sub>O 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

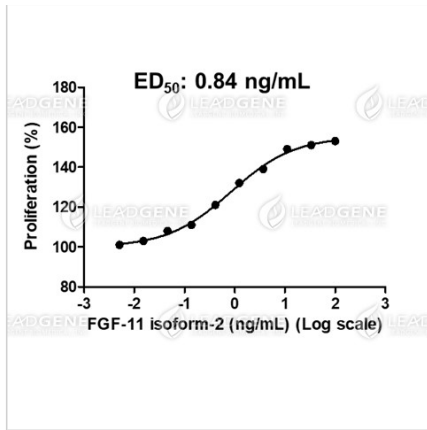
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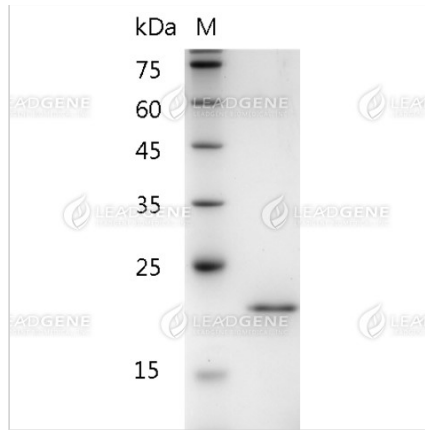
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Human FGF-11 isoform 2, His Tag, E. coli (LDG138PHE) induced 3T3 cell proliferation, with the ED50 at 0.84 ng/mL.



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

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