

## Human FGF-3, His Tag, E. coli

**Catalog Number** LDG069PHE

**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

>95% 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 <78 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 21.99 kDa. The protein migrates as 22 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-3 (FGF-3) also known as INT-2 proto-oncogene, is a 26.9 kDa member of the fibroblast Growth Factors with 239 amino acid residues. FGF-3 regulates embryonic development, cell proliferation and cell differentiation.

### Uniprot ID

#P11487

### Synonyms

Fibroblast Growth Factors receptor 3, FGFR-3, CD333

### Sequence Note

Asp28-Arg212

## 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:

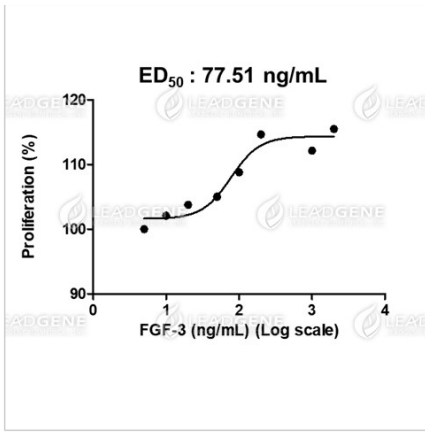
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 2 weeks under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

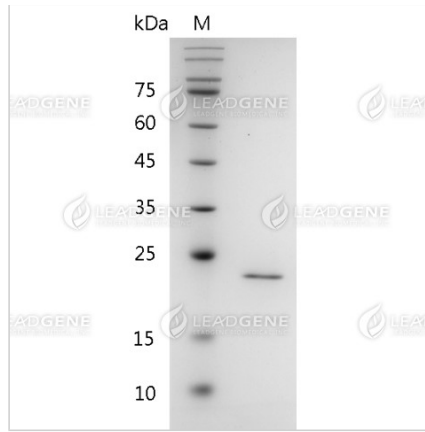
### Shipping

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

## Image



Human FGF-3, His Tag, E. coli (LDG069PHE) induced 3T3 cell proliferation, with the ED50 at 77.51 ng/mL.



SDS-PAGE analysis of recombinant human FGF-3.

**Disclaimer :** For Research Use or Further Manufacturing Only.