# Human FGF-17, His Tag, E. coli

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|---|---|
| **Catalog Number** | LDG081PHE |
| **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 (N-term)

**Storage Buffer**

Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.

**Purity**

>98% as determined by SDS-PAGE analysis.

**Molecular weight**

The protein has a calculated MW of 23.32 kDa. The protein migrates as 24 kDa under reducing condition (SDS-PAGE analysis).

**Activity**

Measure by its ability to induce 3T3 cells proliferation. The $ED_{50}$ for this effect is <5 ng/mL. The specific activity of recombinant human FGF-17 is > 2 x $10^5$ IU/mg.

**Endotoxin Level**

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

**Form**

Lyophilized

## Background

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### Background

Fibroblast Growth Factors-17 (FGF-17) is a 23.7 kDa member of the fibroblast Growth Factors with 205 amino acid residues. FGF-17 is mainly expressed from brain, choroid plexus. FGF-17 involved embryonic development and cell proliferation. Required for normal brain development.

### Synonyms

Fibroblast Growth Factors 17

### Uniprot ID

#O60258

### Sequence Note

Thr23-Thr216

## 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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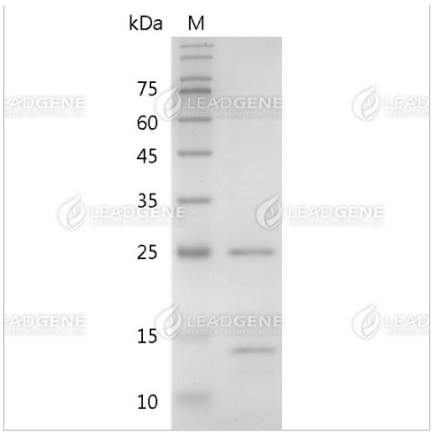


SDS-PAGE analysis of recombinant human FGF-17.

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

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