

## Human FGF-23, His Tag, CHO

**Catalog Number** LDG071PHM

**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

>75% as determined by SDS-PAGE analysis.

#### Endotoxin Level

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

#### Form

Lyophilized

#### Expression System

CHO

#### Storage Buffer

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

#### Molecular Weight

The protein has a calculated MW of 27.27 kDa. The protein migrates as 12-34 kDa under reducing condition (SDS-PAGE analysis).

#### Mycoplasma

Not detected.

### Background

#### Tainan Headquarter

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### Background

Fibroblast Growth Factor 23 (FGF-23) is a hormone involved in phosphate homeostasis and vitamin D metabolism. It is primarily produced by bone cells and plays a crucial role in chronic kidney disease and related cardiovascular disorders.

### Uniprot ID

Q9GZV9

### Synonyms

Fibroblast Growth Factors 23 N-terminal peptide, Fibroblast Growth Factors 23 C-terminal peptide, Phosphatonin, Tumor-derived hypophosphatemia-inducing factor

### Sequence Note

Met1-Ile251 R179Q

## 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

### Tainan Headquarter

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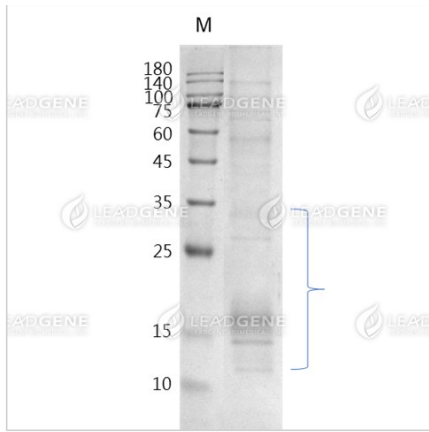
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SDS-PAGE analysis of recombinant human FGF-23.

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