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

Expression system
CHO

Affinity Tag
His Tag (C-term)

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

Purity
>75% as determined by SDS-PAGE analysis.

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).

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

Mycoplasma
Not detected.

Form
Lyophilized

Background

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.

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

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Uniprot ID

Q9GZV9

Sequence Note

Met1-Ile251 R179Q

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 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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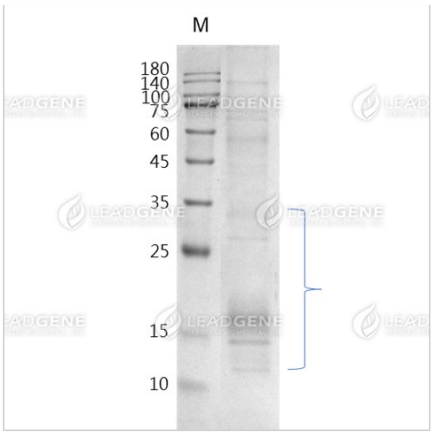

SDS-PAGE analysis of recombinant human FGF-23.

Disclaimer : For Research Use or Further Manufacturing Only.

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