

Product Datasheet

Recombinant Human FGF-23 Protein NBP2-35026-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 1/25/2025 v.20.1

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NBP2-35026-5ug

Recombinant Human FGF-23 Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	25.3 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 227 amino acids corresponding to FGF-23 Source: <i>E. coli</i> Uniprot ID: Q9GZV9 Amino Acid Sequence: YPNASPLLGS SWGGLIHLTY ATARNSYHLQ IHKNGHVDGA PHQTIYSALM IRSEDAGFVV ITGVMSRRYL CMDFRGNIFG SHYFDPENCR FQHQTLENGY DVYHSPQYHF LVSLGRAKRA FLPGMNPPPY SQFLSRRNEI PLIHFNTPIP RRHTRSAEDD SERDPLNVLK PRARMTPAPA SCSQELPSAE DNSPMASDPL GVVRGGRVNT HAGGTGPEGC RPFKFI
Gene ID	8074
Gene Symbol	FGF23
Species	Human
Details of Functionality	FGF-23 protein is fully biologically active when compared to standard. The ED50 as determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 0.5 ug/ml, corresponding to a specific activity of > 2.0 x 10 ³ IU/mg in the presence of 0.3 ug/ml of rMuKlotho and 10 ug/ml of heparin.
Endotoxin Note	Less than 1 EU/ug of FGF-23 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



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Products Related to NBP2-35026-5ug

NBP2-77508-0.05mg	Recombinant Human FGF-23 His Protein
AF1819	Klotho Antibody [Unconjugated]
MAB26291	FGF-23 Antibody (283507) [Unconjugated]
MAB1268-100	Serpin A1/alpha 1-Antitrypsin Antibody (202808) [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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