

# Product Datasheet

## Recombinant Mouse FGF-21 Protein NBP2-35031-5ug

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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**NBP2-35031-5ug**

## Recombinant Mouse FGF-21 Protein

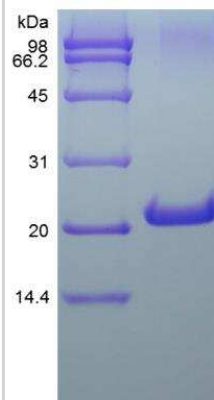
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 3 x PBS, pH 7.4.
Target Molecular Weight	19.9 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 182 amino acids corresponding to FGF-21 <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> Q9JJN1  <b>Amino Acid Sequence:</b> AYPIDSSPL LQFGGQVRQR YLYTDDDQDT EAHLEIREDG TVVGAHRSP ESLLLEKALK PGVIQILGVK ASRFLCQQPD GALYGSPHFD PEACSFRELL LEDGYNVYQS EAHGLPLRLP QKDSPNQDAT SWGPVRFPLM PGLLHEPQDQ AGFLPPEPPD VGSSDPLSMV EPLQGRSPSY AS
Gene ID	26291
Gene Symbol	FGF21
Species	Mouse
Details of Functionality	FGF-21 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 <sup>3</sup> IU/mg in the presence of 5 ug/ml of rMuKlotho-beta and 10 ug/ml of heparin.
Endotoxin Note	Less than 1 EU/ug of FGF-21 as determined by LAL method.

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

## Images

SDS-Page: Mouse FGF-21 Protein [NBP2-35031]





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### **Products Related to NBP2-35031-5ug**

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NBP2-35194-5ug	Recombinant Rat FGF-21 Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
MF2100	FGF-21 [HRP]
DRP300	Adiponectin/Acrp30 [HRP]

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### **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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