

Active Recombinant Mouse Fgf21 protein, His-tagged, Low Endotoxin

Cat. No. Fgf21-574M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgf21 protein(Q9JJN1)(29-210 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	29-210 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse FGF21, His Tag immobilized on CM5 Chip can bind Human Beta Klotho, His Tag with an affinity constant of 41.50 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 21 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name Fgf21 fibroblast growth factor 21 [Mus musculus]

Official Symbol Fgf21

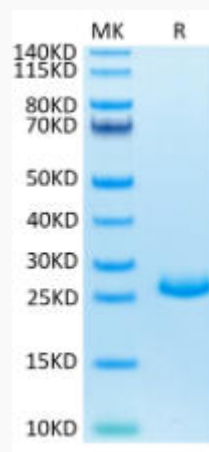
Synonyms FGF21; fibroblast growth factor 21; FGF-21;

Gene ID 56636

mRNA Refseq NM_020013

Protein Refseq NP_064397

Bis-Tris PAGE

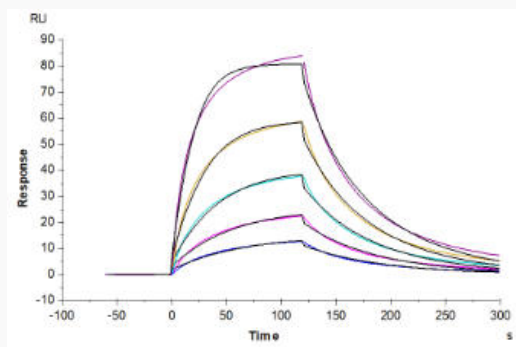


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SPR Data



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