

Recombinant Mouse Fgf21 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Fgf21 protein(Q9NSA1-1)(His29-Ser210), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	His29-Ser210
Tag	N-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

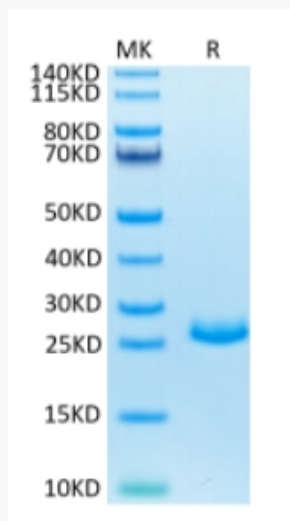
Protein Refseq [NP_064397](#)

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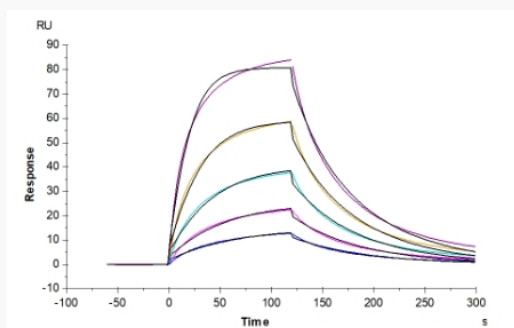
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Tris-Bis PAGE



SPR Data



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