

Active Recombinant Human FGF21 protein, His-tagged, Low Endotoxin

Cat. No. FGF21-3279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF21 protein(Q9NSA1-1)(His29-Ser209), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-209 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human FGF21, His Tag immobilized on CM5 Chip can bind Human Beta Klotho, His Tag with an affinity constant of 20nM as determined in a SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 20.2 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
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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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 [Homo sapiens]

Official Symbol FGF21

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

Gene ID 26291

mRNA Refseq NM_019113

Protein Refseq NP_061986

MIM 609436

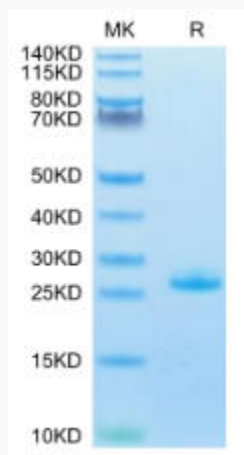
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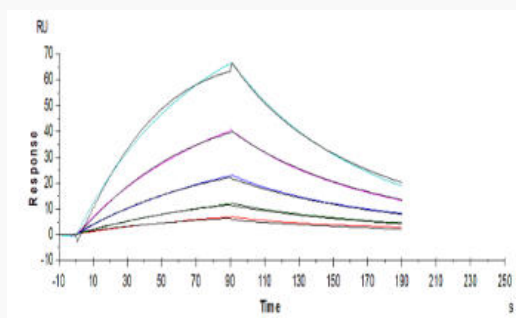
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Bis-Tris PAGE



SPR Data



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