

Recombinant Human FGF21 protein, mFc-Avi-tagged, Biotinylated

Cat. No. FGF21-1567H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FGF21 protein(Q9NSA1)(His29-Ser209), fused with N-terminal mFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His29-Ser209
Tag	N-mFc-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human FGF21, mFc Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human Beta Klotho, His Tag with the EC50 of 0.71µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 46.9 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

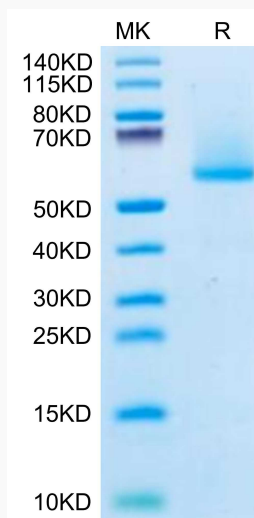
Gene Name	FGF21 fibroblast growth factor 21 [Homo sapiens]
Official Symbol	FGF21
Synonyms	FGF21; fibroblast growth factor 21; FGF-21;
Gene ID	26291
mRNA Refseq	NM_019113
Protein Refseq	NP_061986
MIM	609436
UniProt ID	Q9NSA1

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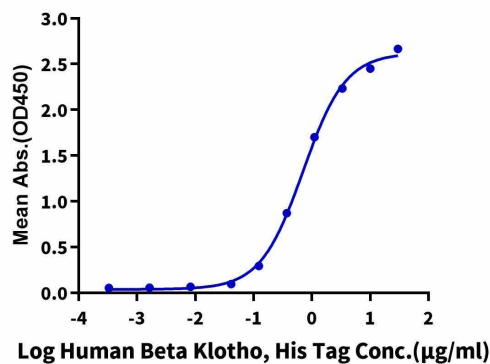
Tris-Bis PAGE



ELISA

Biotinylated Human FGF21, mFc Tag ELISA

0.2µg Biotinylated Human FGF21, mFc Tag Per Well



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