Recombinant Human FGF21 protein, mFc-Avi-tagged

Cat. No. FGF21-6854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF21 protein(Q9NSA1-1)(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
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human FGF21 at 5ug/ml (100ul/Well) on the plate. Dose response curve for Human Beta Klotho, His Tag with the EC50 of 0.75ug/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 46.9 kDa. Due to glycosylation, the protein migrates to 52-60 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	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

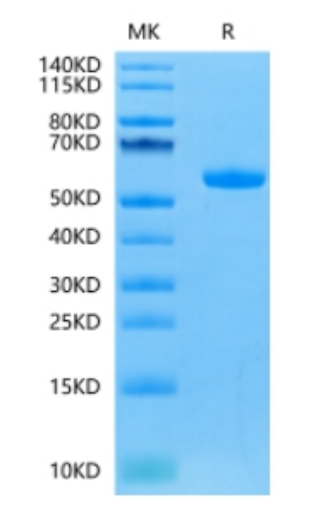
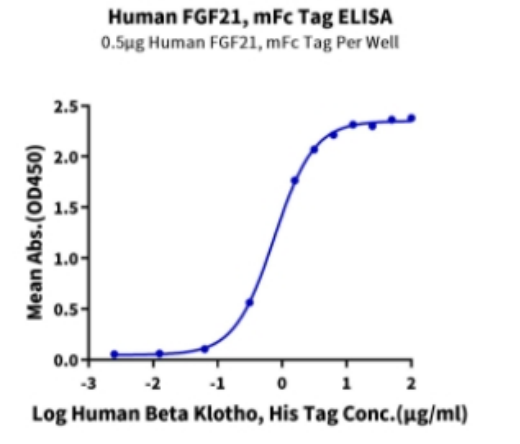
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	defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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 Data	

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