

Recombinant Human FGF21 protein, His-tagged

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	His29-Ser209
Tag	N-His
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 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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