

Active Recombinant Human FGF19, Fc-tagged

Cat. No. FGF19-252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF19(O95750-1)(Leu 25 - Lys 216), fused to Fc Tag, is expressed from human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Leu 25 - Lys 216
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human FGF19, Fc Tag on Protein A Biosensor, can bind Human FGF R4, His Tag with an affinity constant of 1 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	The protein has a calculated MW of 47.9 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20

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centigrade or lower.
 Please avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20 centigrade to -70 centigrade for 12 months in lyophilized state;
 -70 centigrade for 3 months under sterile conditions after reconstitution.

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 FGF19 fibroblast growth factor 19 [Homo sapiens]

Official Symbol FGF19

Synonyms FGF19; fibroblast growth factor 19; FGF-19;

Gene ID 9965

mRNA Refseq NM_005117

Protein Refseq NP_005108

MIM 603891

UniProt ID O95750

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