

Active Recombinant Human FGF19 protein, His-tagged

Cat. No. FGF19-906H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF19 protein(Phe27-Lys216), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-216 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human FGF19 at 5 µg/mL (100 µL/well) can bind Recombinant Human FGFR4 with a linear range of 0.9-3.8 µg/mL.
Molecular Mass	22.09 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	FGF19 fibroblast growth factor 19 [Homo sapiens]
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Official Symbol	FGF19
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Synonyms	FGF19; fibroblast growth factor 19; FGF-19;
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Gene ID	9965
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mRNA Refseq	NM_005117
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Protein Refseq	NP_005108
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MIM	603891
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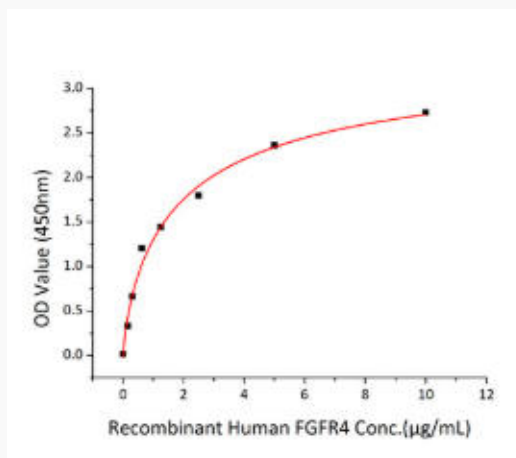
UniProt ID	O95750
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Activity



SDS-PAGE

