

Active Recombinant Human FGF19 Protein (Arg23-Lys216), C-His tagged, Animal-free, Carrier-free

Cat. No. FGF19-325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF19 Protein (Arg23-Lys216) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Arg23-Lys216
Description	Fibroblast Growth Factors-19 (FGF-19) is a 24 kDa member of the fibroblast Growth Factors with 216 amino acid residues. FGF-19 is mainly secreted from cholangiocytes, ductal cells. FGF-19 involved cell proliferation, glucose and bile acid metabolism via FGFR4 pathway.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 51 ng/mL.
Molecular Mass	The protein has a calculated MW of 22.62 kDa. The protein migrates as 24 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

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

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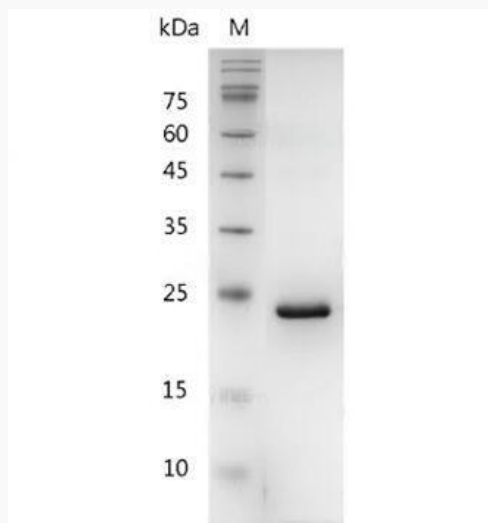
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UniProt ID

O95750

**SDS-PAGE analysis
of recombinant
human FGF-19.**



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