

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGF19 Protein (Arg23-Lys216) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg23-Lys216
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 51 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 22.62 kDa. The protein migrates as 24 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>95% as determined by SDS-PAGE analysis.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	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.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

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

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UniProt ID

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