

Recombinant Human FGF-19

Catalog No.	CRF011B	Quantity:	25 µg
Alternate Names:	Fibroblast Growth Factor-19, FGFJ		
Description:	The FGF family plays central roles during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-19, a member of the FGF family, is a high affinity heparin dependent ligand for FGFR4. FGF-19 is expressed during the brain development and embryogenesis. Recombinant human FGF-19 is a 21.8 kDa protein containing 195 amino acid residues.		
Source:	<i>E. coli</i>		
Formulation:	Sterile filtered through a 0.2 micron filter. Lyophilized from 5 mM Tris, pH 7.6 + 75 mM NaCl.		
Purity:	Greater than 95% by SDS-PAGE gel and HPLC analyses.		
Endotoxin Level:	Less than 0.1 ng per µg (1 EU/µg).		
Biological Activity:	Data not available at this time.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in water to a concentration of 0.1 - 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.		
Storage & Stability:	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted FGF-19 should be stored in working aliquots at -20°C. Avoid repeated freeze-thaw cycles as they will result in some loss of activity.		
Country of Origin:	USA		

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