

Fibroblast Growth Factor-19 Human Recombinant, His Tag

Item Number	rAP-2205
Synonyms	Fibroblast growth factor 19, FGF-19.
Description	Fibroblast Growth Factor-19 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 206 amino acids and having a molecular mass of 23 kDa. The amino acid sequence of the recombinant human FGF19 is 100% homologous to the amino acid sequence of the human
Uniprot Accession Number	O95750
Amino Acid Sequence	MRGSHHHHHH GMASLAFSDA GPHVHYGWGD PIRLRHLYTS GPHGLSSCFL RIRADGVVDC AR-GQSAHSLLLEIKAVLRV AIKGVHVSRY LCMGADGKMQ GLLQYSEEDC AFEEEEIRPDG YNVYRSEKHR LPVSLSSAKQ RQLYKNRGFL PLSHFLPMLP MVPEEPEDLR GHLESDMFSS PLETDSMDPF GLVTGLEAVR SPSFEK.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered white lyophilized powder. Lyophilized FGF-19 Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Fibroblast Growth Factor-19 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM TRIS, 20mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	Add deionized water to a working concentration approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by appropriate sterile filter before using it in the cell culture.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**