

Human FGF 19 Recombinant Protein



RPPB0239

Product Information Protein Information

Product SKU:

RPPB0239

Accession:

O95750

Host:

Escherichia Coli.

Protein 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 FGF19 without signal sequence and contains his tag at N-terminal. The FGF-19 is purified by proprietary chromatographic techniques.

Appearance:

Filtered white lyophilized powder.

Synonyms:

Fibroblast growth factor 19, FGF-19.

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM TRIS, 20mM NaCl, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

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.

Stability:

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.

Amino Acid Sequence:

MRGSHHHHHH GMASLAFSDA GPHVHYGWD PIRLRHLYTS GPHGLSSCFL RIRADGVDC
ARGQSAHSLLEIKAVLRV AIKGVHSVRY LCMGADGKMQ GLLQYSEEDC AFEEEIRPDG YNVYRSEKHR
LPVSLSSAKQ RQLYKNRGFL PLSHFLPMLP MVPEEPEDLR GHLESDFSS PLETDSMPDF GLVTGLEAVR
SPSFEK.