



Recombinant Human FGF-19

Datasheet

Catalog Number: PR27019

Product Type: Recombinant Protein

Source: E.Coli

Amino Acid Sequence: MRGSHHHHH GMASLAFSDA GPHVHYGWGD PIRLRHLYTS GPHGLSSCFL
RIRADGVVDC ARGQSAHSLLLEIKAVLRV AIKGVHVSRY LCMGADGKMV GLLQYSEEDC
AFEEEIRPDG YNVYRSEKHR LPVSLSSAKQ RQLYKNRGFL PLSHFLPMLP MVPEEPEDLR
GHLESDMFSS PLETDSMDPF GLVTGLEAVR
SPSFEK.

Description/Molecular Mass: 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.

Purity: Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Format: The protein was lyophilized from a concentrated (1mg/ml) sterile solution containing 10mM Tris pH=7.6 and 100mM NaCl

Reconstitution: It is recommended to reconstitute the lyophilized Fibroblast Growth Factor-19 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized Fibroblast Growth Factor-19 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-acidic 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 avoid freeze-thaw cycles.

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