

32-13646: FGF19 Human, HEK

Format : FGF19 protein (0.5mg/ml) contains 20mM Tris-HCl(pH8.0), 20% glycerol and 0.1M NaCl.

Alternative Name : fibroblast growth factor 19, FGF19.

Description

Source:HEK293 cells.

Physical Appearance:Sterile Filtered colorless solution.

Biological Activitynull

Fibroblast Growth Factor-19 (FGF-19) is a member of the FGF family. FGF-19 interacts with FGFR1, FGFR2, FGFR3 and FGFR4. T FGF-19 takes part in the suppression of bile acid biosynthesis through downregulation of CYP7A1 expression, following positive regulation of the JNK and EPK1/2 cascades. FGF-19 stimulates glucose uptake in adipocytes and is a high affinity, heparin dependent ligand for FGFR4.

FGF19 Mouse Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 23-216) containing 205 amino acids and having a molecular mass of 23.0 kDa.FGF19 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid : DGSHMRPLAF SDAGPHVHYG WGDPIRLRHL YTSGPHGLSS CFLRIRADGV VDCARGQSAH SLLEIKAVAL RTVAIKGVHS VRYLCMGADG KMQGLLQYSE EDCAFEIEIR PDGYNVYRSE KHRLPVSLSL AKQRQLYKNR GFLPLSHFLP MLPMVPEEPE DLRGHLES DM FSSPLETDSM DPFGLVTGLE AVRSPSFEKH HHHHH