

Datasheet for ABIN7596369

FGF-19 Protein (AA 23-216) protein (His tag)



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Overview

Quantity:	500 µg
Target:	FGF-19 Protein
Protein Characteristics:	AA 23-216
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	RPLAF SDAGPHVHYG WGDPIRLRHL YTSGLPHGLSS CFLRIRADGV VDCARGQSAH SLLEIKAVALL RTVAIKGVHS VRYLCMGADG KMQGLLQYSE EDCAFEER PDGYNVYRSE KHRLPVSLSS AKQRQLYKNR GFLPLSHFLP MLPMVPPEPE DLRGHLESDM FSSPLETDSM DPFGLVTGLE AVRSPSFEK
Purity:	> 95% by SDS - PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	FGF-19 Protein
Background:	FGF-19, also known as fibroblast growth factor 19, is a member of the FGF family. FGF-19 interacts with FGFR1, FGFR2, FGFR3 and FGFR4. This protein is involved in the suppression of

Target Details

bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and EPK1/2 cascades. FGF-19 is a high affinity, heparin dependent ligand for FGFR4. It also stimulates glucose uptake in adipocytes. Recombinant human FGF-19, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Molecular Weight: 23.0kDa (205aa)

NCBI Accession: [NP_005108](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.