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Datasheet for ABIN7491497 FGF19 Protein (His tag)

Overview

Quantity:	100 µg
Target:	FGF19
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGF19 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FGF19 Protein with C-terminal 6xHis tag
Specificity:	FGF19 (Leu25-Lys216) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FGF19
Alternative Name:	FGF19 (FGF19 Products)
Background:	<p>FGF-19, UNQ334/PRO533</p> <p>Description: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth,</p>

Target Details

morphogenesis, tissue repair, tumor growth and invasion. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 22.3 kDa after removal of the signal peptide. The apparent molecular mass of FGF19-His is 15-25 kDa due to glycosylation.

UniProt: [O95750](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months