

Datasheet for ABIN7597453

## FGF19 Protein (AA 25-216) (Fc Tag)



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### Overview

Quantity:	10 µg
Target:	FGF19
Protein Characteristics:	AA 25-216
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGF19 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant human FGF19 Protein with C-terminal human Fc tag
Sequence:	FGF19(Leu25-Lys216) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	FGF19
Alternative Name:	FGF19 ( <a href="#">FGF19 Products</a> )
Background:	<p>FGF-19, UNQ334/PRO533</p> <p>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, morphogenesis,</p>

## Target Details

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 47.6 kDa after removal of the signal peptide. The apparent molecular mass of FGF19-hFc is 35-55 kDa due to glycosylation.

**UniProt:** [O95750](#)

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

## Application Details

**Application Notes:** Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

**Comment:** The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Buffer:** Lyophilized from 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