

Datasheet for ABIN7491006
FGF21 Protein (AA 29-209) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	FGF21
Protein Characteristics:	AA 29-209
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGF21 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human FGF21 protein with C-terminal human Fc tag
Specificity:	FGF21 (His29-Ser209) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FGF21
Alternative Name:	FGF21 (FGF21 Products)
Background:	This gene encodes a member of the fibroblast growth factor (FGF) family. FGF family

Target Details

members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The encoded protein stimulates the uptake of glucose in adipose tissue. [provided by RefSeq, Mar 2016]

Molecular Weight: predicted molecular mass of 45.5 kDa after removal of the signal peptide. The apparent molecular mass of FGF21-hFc is 40-55 kDa due to glycosylation.

UniProt: [Q9NSA1](#)

Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

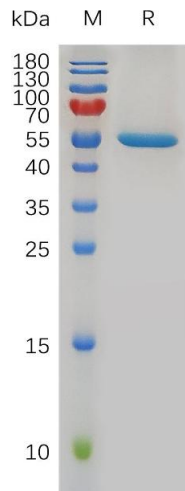
Format: Lyophilized

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



SDS-PAGE

Image 1. Human Protein, hFc Tag on SDS-PAGE under reducing condition.