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Datasheet for ABIN1344033
FGF21 Protein (AA 1-209) (Fc Tag)

Overview

Quantity:	10 µg
Target:	FGF21
Protein Characteristics:	AA 1-209
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FGF21 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Human
Characteristics:	Human FGF-21 (aa 1-209) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Sterility:	0.2 µm filtered
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	FGF21
Alternative Name:	FGF-21 (FGF21 Products)

Target Details

Background:	FGF-21 (Fibroblast growth factor 21) stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of betaKlotho.
Molecular Weight:	~50kDa (SDS-PAGE)
UniProt:	Q9NSA1
Pathways:	RTK Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Activates ERK and FRS2alpha phosphorylation in bKlotho expressing cells.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2µm-filtered solution in PBS.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Working aliquots are stable for up to 3 months when stored at -20°C.
Expiry Date:	3 months