antibodies

Datasheet for ABIN2017777 FGF21 Protein (AA 29-209) (His tag)



Overview

Quantity:	50 µg
Target:	FGF21
Protein Characteristics:	AA 29-209
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FGF21 protein is labelled with His tag.
Product Details	
Characteristics:	ED50<0.3 µg/mL, measured in a bioassay using NIH-3T3 cells.
	AA 29-209, expressed with C-terminal 6×His.
Purity:	> 95 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/ μ g, determined by LAL method.
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Target Details

Target:	FGF21
Alternative Name:	FGF-21 (FGF21 Products)
Background:	FGF-21, also known as fibroblast growth factor-21 and FGFL, is a secreted growth factor belonging to theheparin-binding growth factor family. It is produced by hepatocytes in response
	to fatty acid stimulation. FGF-21 couples with its co-factor beta-Klotho to signal through

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Target Details

	FGFR1c and FGFR4. Signal transduction results in insulin-independent uptake of glucose by
	adipocytes. Clinical administration of FGF-21 induces energy expenditure, fat utilization and
	lipid excretion.
	Synonyms: fibroblast growth factor-21, FGFL
Molecular Weight:	23-25 kDa, observed by reducing SDS-PAGE.
UniProt:	Q9NSA1
Pathways:	RTK Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Handling Format:	Lyophilized
	Lyophilized Reconstituted in ddH2O or PBS at 100 µg/mL.
Format:	
Format: Reconstitution:	Reconstituted in ddH2O or PBS at 100 µg/mL.
Format: Reconstitution: Buffer:	Reconstituted in ddH2O or PBS at 100 µg/mL. Lyophilized after extensive dialysis against PBS.
Format: Reconstitution: Buffer: Storage:	Reconstituted in ddH2O or PBS at 100 µg/mL. Lyophilized after extensive dialysis against PBS. -80 °C