Datasheet for ABIN7092749

FGFR4 Protein (AA 22-369) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	FGFR4
Protein Characteristics:	AA 22-369
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGFR4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FGFR4 Protein with C-terminal 6xHis tag
Specificity:	FGFR4 (Leu22-Asp369) 6xHis Tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FGFR4
Alternative Name:	FGFR4 (FGFR4 Products)
Background:	The protein encoded by this gene is a tyrosine kinase and cell surface receptor for fibroblast

Target Details

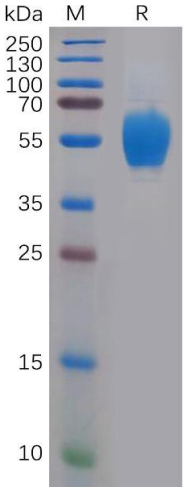
	growth factors. The encoded protein is involved in the regulation of several pathways, including cell proliferation, cell differentiation, cell migration, lipid metabolism, bile acid biosynthesis, vitamin D metabolism, glucose uptake, and phosphate homeostasis. This protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment, and a cytoplasmic tyrosine kinase domain. The extracellular portion interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. [provided by RefSeq, Aug 2017]
Molecular Weight:	predicted molecular mass of 39.3 kDa after removal of the signal peptide.The apparent molecular mass of FGFR4-His is 35-70 kDa due to glycosylation.
UniProt:	P22455
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Carbohydrate Homeostasis, Growth Factor Binding

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 F Protein, His Tag on SDS-PAGE under reducing condition.