

Datasheet for ABIN7274632

FGFR4 Protein (His-Avi Tag,Biotin)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	FGFR4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGFR4 protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	Leu22-Asp369
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FGFR4
Alternative Name:	FGFR4 (FGFR4 Products)
Background:	CD334, FGF R4, FGFR4, FGFR-4, MGC20292, JTK2, TKF,Fibroblast growth factor receptor 4 (FGF R4), also known as CD334, is a 110 kDa glycosylated transmembrane receptor tyrosine kinase.Tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays a role in the regulation of cell proliferation, differentiation and migration, and in regulation of lipid metabolism, bile acid biosynthesis, glucose uptake, vitamin D metabolism

Target Details

	and phosphate homeostasis. Required for normal down-regulation of the expression of CYP7A1, the rate-limiting enzyme in bile acid synthesis, in response to FGF19.
Molecular Weight:	41.4 kDa. Due to glycosylation, the protein migrates to 55-72 kDa based on Tris-Bis PAGE result.
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Growth Factor Binding

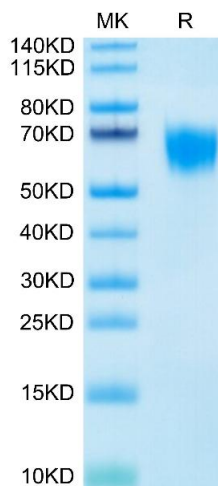
Application Details

Restrictions:	For Research Use only
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Handling

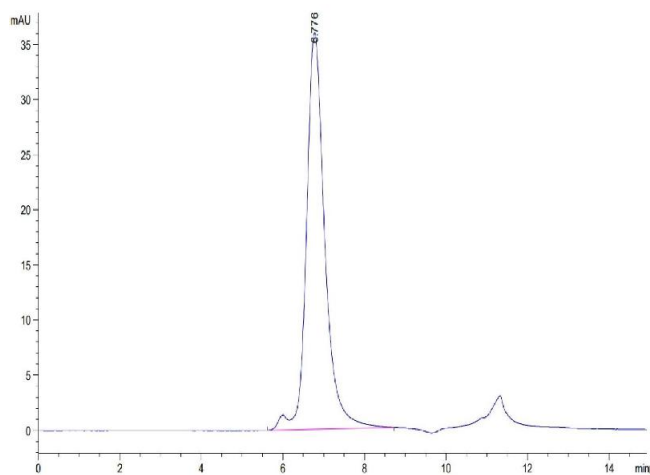
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Biotinylated Human FGFR4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human FGFR4 is greater than 95 % as determined by SEC-HPLC.