

RP02357B

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Biotinylated Recombinant Human FGFR-4/CD334 Protein

Catalog No.: RP02357B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	2264	P22455

Tags

C-His&Avi

Synonyms

CD334; JTK2; TKF; FGFR4; JTK2; TKF

Background

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 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.

Basic Information

Description

Biotinylated Recombinant Human FGFR-4/CD334 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu22-Asp369) of Human FGFR4 fused with a His tag and Avi tag at the C-terminal.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

Product Information

Source

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

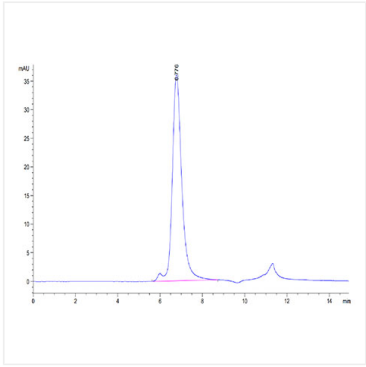
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Contact

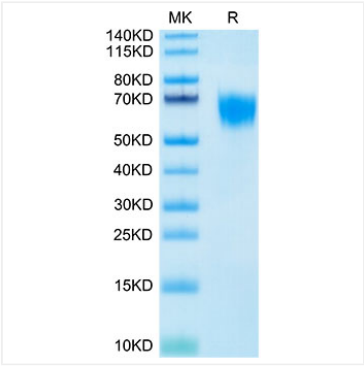


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Validation Data



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



Biotinylated Recombinant Human FGFR-4/CD334 Protein was determined by Tris-Bis PAGE under reducing conditions with Coomassie Blue.