

# Biotinylated Recombinant Human FGFR-4/CD334 Protein

Catalog No.: RP02357B **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	2264	P22455

### Tags

C-His&Avi

### Synonyms

CD334; JTK2; TKF; FGFR4; JTK2; TKF

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE; > 95% by SEC-HPLC

Calculated MW	Observed MW
41.4 kDa	55-72 kDa

### 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

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.

## Contact

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## 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.

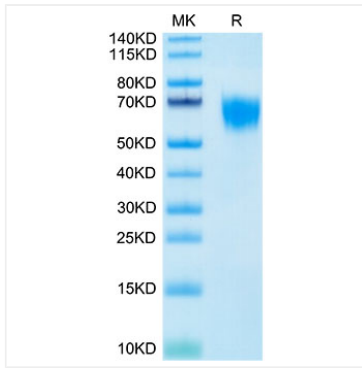
### Bio-Activity

#### Storage

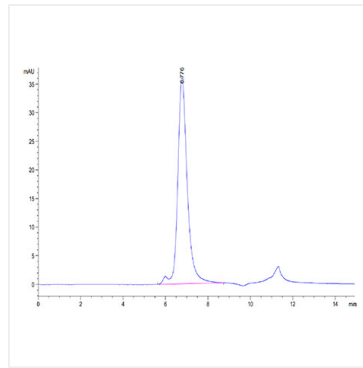
Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Validation Data

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



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