

RP02100

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# Biotinylated Recombinant Human FLT-1/VEGFR-1 Protein

Catalog No.: RP02100

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	2321	P17948-1

### Tags

C-His&Avi

### Synonyms

FLT;FLT-1;VEGFR-1;VEGFR1;FLT1

## Product Information

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

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 freeze-thaw cycles.

## Background

## Basic Information

### Description

Biotinylated Recombinant Human VEGFR1/FLT-1 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser27-His687) of Human VEGFR1/FLT-1 fused with a His tag and Avi tag at the C-terminal.

### Bio-Activity

### Storage

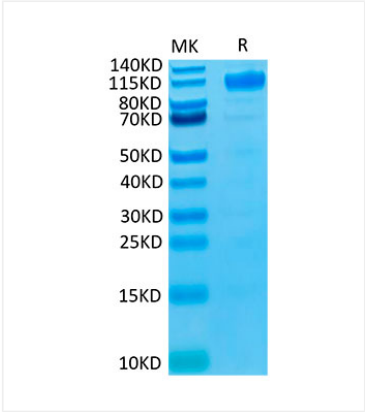
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

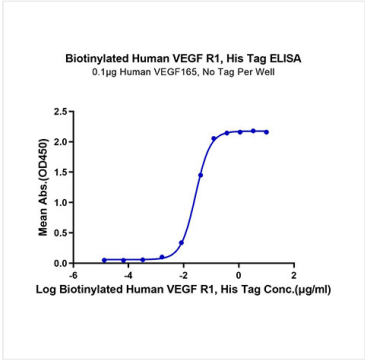


[www.abclonal.com](http://www.abclonal.com)

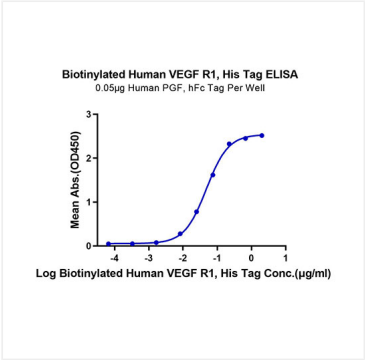
Validation Data



Biotinylated Human VEGF R1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



Immobilized Human VEGF165 at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human VEGF R1, His Tag with the EC<sub>50</sub> of 26.9ng/ml determined by ELISA.



Immobilized Human PGF, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human VEGF R1, His Tag with the EC<sub>50</sub> of 48ng/ml determined by ELISA.