

RP00372

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# Recombinant Human VEGFR1/FLT1 Protein

Catalog No.: RP00372

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	2321	P17948

### Tags

C-Fc

### Synonyms

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

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

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

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

This protein belongs a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.

## Basic Information

### Description

Recombinant Human VEGFR1/FLT1 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ser27-Asn756) of human VEGFR1/FLT1 (Accession #P17948) fused with an Fc tag at the C-terminus.

### 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.

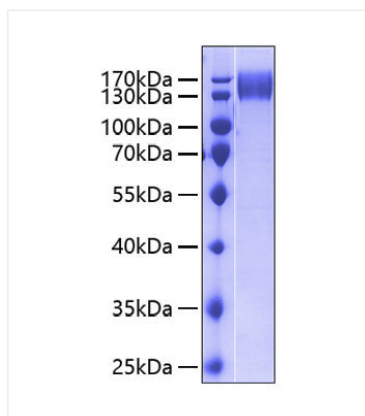
## Contact



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

## Validation Data

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Recombinant protein Human VEGFR1/FLT1 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 125 kDa.