

**VEGF R1/FLT-1**  
**Catalog # PVGS1831****Specification**

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**VEGF R1/FLT-1 - Product Information**

Primary Accession [P17948-1](#)  
**Species**  
Human

**Sequence**  
Ser27-Asn756

**Purity**  
> 95% as determined by Bis-Tris PAGE

**Endotoxin Level**  
Less than 1EU per µg by the LAL method.

**Biological Activity**  
Immobilized Human VEGF165 at 1 µg/ml (100 µl/Well) on the plate can bind VEGF R1/FLT-1[Biotin], His&Avi, Human (Cat.No.: Z03969)

**Expression System**  
HEK293

**Theoretical Molecular Weight**  
85.1 kDa

Formulation **Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).**

**Reconstitution**  
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH<sub>2</sub>O more than 100 µg/ml.

**Storage & Stability**  
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

**VEGF R1/FLT-1 - Additional Information**

**Target Background**  
Vascular endothelial growth factor receptor 1(VEGFR1), also known as Flt-1, is a type I transmembrane glycoprotein of receptor tyrosine kinases (RTKs) family. VEGFR1 acts as a cell-surface receptor for VEGFA, VEGFB and PGF. It plays an important role in the development of embryonic vasculature, the regulation of angiogenesis, cell survival, cell migration and cancer cell invasion.

## **VEGF R1/FLT-1 - Protein Information**

## **VEGF R1/FLT-1 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **VEGF R1/FLT-1 - Images**