

VEGF R1/FLT-1
Catalog # PVGS1836**Specification**

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 VEGF R1/FLT-1, His&Avi, Human (Cat.No.: Z03964) 2 µg/ml (100 µl/well) on the plate can bind Biotinylated Human VEGF121, His Tag

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 ddH₂O 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