10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

VEGF R3/FLT4

Catalog # PVGS1817

Specification

VEGF R3/FLT4 - Product Information

Primary Accession P35916-1

Species
Human

Sequence
Tyr25-Ile776

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

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

Biological Activity
Immobilized VEGF-C, His Tag at 1 μg/ml (100 μl/Well) on the plate can bind VEGF R3/FLT4 hFc Chimera, Human (Cat.No.: Z03968)

Expression System
HEK293

Theoretical Molecular Weight
111.3 kDa

Formulation **Lyophilized from a 0.22 μm filtered solution in 50mM Tris, 150mM NaCl, 100mM Glycine (pH 7.5).**

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 R3/FLT4 - Additional Information

Target Background
Vascular endothelial growth factor receptor 3 (VEGFR3) is one kind of tyrosine-protein kinase. VEGFR3 acts as a cell-surface receptor for VEGFC and VEGFD. It is a key regulator of lymphatic system development and establishment. VEGFR3 plays important roles in angiogenesis. It is also up-regulated in the endothelium of blood vessels in breast cancer and various other tumors.

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VEGF R3/FLT4 - Protein Information

VEGF R3/FLT4 - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

VEGF R3/FLT4 - Images