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

VEGF R2/KDR

Catalog # PVGS1815

Specification

VEGF R2/KDR - Product Information

Primary Accession	P35968-1

Species
Human

Sequence
Ala20-Glu764

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 Human VEGF165 at 1 μg/ml (100 μl/well) on the plate can bind VEGF R2/KDR mFc Chimera, Human (Cat.No.: Z03966)

Expression System
HEK293

Theoretical Molecular Weight
110 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 R2/KDR - Additional Information

Target Background
Vascular endothelial growth factor receptor 2 (VEGFR2) is one kind of tyrosine kinase receptors. VEGFR2 acts as a cell-surface receptor for VEGFA, VEGFB and PGF. It plays an important role in the development of embryonic vasculature, cell survival and cancer cell invasion. VEGFR2 is a key regulator of angiogenesis.

VEGF R2/KDR - Protein Information

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VEGF R2/KDR - 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 R2/KDR - Images