

VEGF R2/KDR
Catalog # PVGS1840**Specification**

VEGF R2/KDR - Product Information

Primary Accession [P35918-1](#)
Species
Mouse

Sequence
Ala20-Glu762

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, No Tag at 5 µg/ml (100 µl/Well) on the plate can bind VEGF R2/KDR, His, Mouse (Cat.No.: Z03973)

Expression System
HEK293

Theoretical Molecular Weight
84.11 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. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize 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

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 Cytometry](#)
- [Cell Culture](#)

VEGF R2/KDR - Images