

VEGFR2

Catalog # PVGS1693

Product Information

Primary Accession Species	P35968-1 Human
Sequence	Ala20-Glu764
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1 EU per μ g by the LAL method.
Biological Activity	Immobilized VEGFR2, Avi & His, Human (Cat.No.: Z03811) at 0.5 μ g/ml can bind AntiVEGFR2 Antibody.
Expression System	HEK293
Theoretical Molecular Weight	86.2 kDa
Formulation Reconstitution	Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the lyophilized product remains stable up to 6 months at -20 °C or below as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Additional Information

Target Background	The kinase insert domain receptor (KDR), also known as vascular endothelial growth factor receptor 2 (VEGFR-2), is a type IV receptor tyrosine kinase that plays a crucial role in various biological processes, including embryonic vasculature development, angiogenesis regulation, cell survival, migration, macrophage function, chemotaxis, and cancer cell invasion. It acts as a cell-surface receptor for VEGFA, VEGFB, and PGF. The human gene encoding KDR is also known as CD309 and Flk1 (Fetal Liver Kinase 1). VEGFR2 is a key regulator of angiogenesis.
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Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.