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VEGFR2

Catalog # PVGS1693

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 1 EU per μg by the LAL method.
Biological Activity	Immobilized VEGFR2, Avi & His, Human (Cat.No.: Z03811) at 0.5 μg/ml can bind AntiVEGFR2 Antibody.
Expression System	HEK293
Theoretical Molecular Weight	86.2 kDa
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/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.

Protein Information