

Biotinylated Recombinant Human VEGFR-2/KDR/CD309 Protein

Catalog No.: RP02541 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3791	P35968-1

Tags

C-His&Avi

Synonyms

CD309; KDR; VEGFR; VEGFR2; VEGFR-21; FLK1; KRD1; Ly73

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW **Observed MW**

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening.
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Tyrosine-protein kinase that acts as a cell-surface receptor for VEGFA, VEGFB and PGF, and plays an essential role in the development of embryonic vasculature, the regulation of angiogenesis, cell survival, cell migration, macrophage function, chemotaxis, and cancer cell invasion. The tyrosine kinase receptor vascular endothelial growth factor receptor 2 (VEGFR2) is a key regulator of angiogenesis.

Basic Information

Description

Recombinant Biotinylated Human VEGF R2/KDR Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Ala20-Glu764.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.