

Recombinant human VEGFR2 protein, C-mFc (HEK293)

Catalog Number: bs-47224P

Concentration: >0.5 mg/ml

AA Seq: 20-764/1356

Predicted MW: 47

Detected MW: Due to glycosylation, the protein migrates to 150-200 kDa based on Tris-Bis PAGE result.

Tags: C-mFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

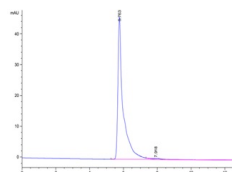
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas. [provided by RefSeq, May 2009].

VALIDATION IMAGES



Recombinant Human KDR / VEGFR2 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Recombinant Human KDR / VEGFR2 Protein is greater than 95% as determined by SEC-HPLC.