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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KDR (Human) Recombinant Protein

Catalog Number: P10288

Regulation Status: For research use only (RUO)

Product Description: Human KDR (P35968-1, Ala20-Glu764) partial recombinant protein with mFc tag at C-terminus expressed in HEK293 cells.

Sequence: Ala20-Glu764

Host: Human

Theoretical MW (kDa): 110

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (HEK293) expression system

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

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Recommend Usage: Biological Activity

ELISA

SEC-HPLC

Tris-Bis PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from filtered solution in PBS, pH 7.4 (5% trehalose).

Storage Instruction: After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3791

Gene Symbol: KDR

Gene Alias: CD309, FLK1, VEGFR, VEGFR2

Gene Summary: 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 α V β 3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas. [provided by RefSeq]