

Recombinant Human KDR protein, His-tagged, FITC-Labeled

Cat. No. KDR-0822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human KDR protein(Ala20-Glu764), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-764 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 85.2 kDa. The protein migrates as 110-120 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Ala20-Glu764
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	FITC
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GENE INFORMATION

Gene Name	KDR kinase insert domain receptor (a type III receptor tyrosine kinase) [Homo sapiens]
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Official Symbol	KDR
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Synonyms	KDR; kinase insert domain receptor (a type III receptor tyrosine kinase); vascular endothelial growth factor receptor 2; CD309; FLK1; VEGFR; VEGFR2; soluble VEGFR2; fetal liver kinase 1; fetal liver kinase-1; protein-tyrosine kinase receptor Flk-1; tyrosine kinase growth factor receptor;
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Gene ID	3791
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mRNA Refseq	NM_002253
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Protein Refseq	NP_002244
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MIM	191306
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UniProt ID	P35968
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