

Active Recombinant Human KDR Protein, His-tagged, Site-specific PE-Labeled

Cat. No. KDR-4656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific PE-Labeled Active Recombinant Human KDR Protein(AAI31823.1)(Ala 20 - Glu 764), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 20 - Glu 764
Tag	C-His
Conjugation/Label	Site-specific PE
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4.
Bio-activity	5e5 of anti-VEGFR2 CAR-293 cells were stained with 100 µL of 1:25 dilution (4 µL stock solution in 100 µL FACS buffer) of PE-Labeled Human VEGF R2, His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity.
Molecular Mass	The protein has a calculated MW of 85.9 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 6 months under sterile conditions after reconstitution.

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.

GENE INFORMATION

Gene Name [KDR kinase insert domain receptor \(a type III receptor tyrosine kinase\) \[Homo sapiens \]](#)

Official Symbol [KDR](#)

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;

Gene ID [3791](#)

mRNA Refseq [NM_002253](#)

Protein Refseq [NP_002244](#)

MIM [191306](#)

UniProt ID [P35968](#)

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