

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

Cat. No. KDR-4657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific APC-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 APC
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	5e5 of anti-VEGF R2 CAR-293 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of APC-Labeled Human VEGF R2 Protein, His Tag and negative control protein respectively. APC 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

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lower.

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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