

Recombinant Human KDR protein, His-tagged

Cat. No. KDR-2712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDR protein(1158-1345 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1158-1345 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	EHLGNLLQANAQQDGKDYIVLPISSETLSMEEDSGLSLPTSPVSCMEEEEVCDPKFHY DNTAGISQYLQNSKRKSRPVSVKTFEDIPLEEPEVKVIPDDNQTDSGMVLASEELKTL EDRTKLSPSFGGMVPSKSRESVASEGSNQTSQGYQSGYHSDDTDTTVYSSEEAEALL KLIEIGVQTGSTAQLQP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA