

Active Recombinant Human KDR protein, His-GST-tagged

Cat. No. KDR-7515H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KDR protein(NP_002244) (Asp807-Val1356) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	807-1356 aa
Form	Supplied as sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% gly, 2mM GSH.
Bio-activity	The specific activity was determined to be 10 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human KDR /GST chimera consists of 787 amino acids and has a calculated molecular mass of 89.3 kDa. The recombinant protein migrates as an approximately 110 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 78 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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Concentration 0.2-1.0 mg/mL.

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

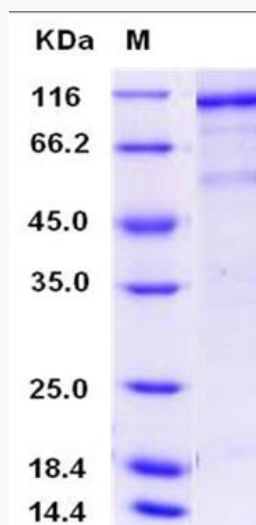
UniProt ID P35968

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SDS-PAGE



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