

Recombinant Human KDR protein, GST-tagged

Cat. No. KDR-3132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDR protein(P35968)(20-764aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-764aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	110.3 kDa
AA Sequence	ASVGLPSVSLDLPRLSIQKDILTIKANTTLQITCRGQRDLDWLWPNNQSGSEQRVEV TECSDGLFCKTLTIPKVIGNDTGAYKCFYRETDLASVIYVYVQDYRSPFIASVSDQHG VVYITENKNKTWVIPCGLGSISNLNVSLCARYPEKRFVPDGNRISWDSKKGFTIPSYMIS YAGMVFCEAKINDESYQSIMYIVVVVGYRIYDVVLSPSHGIELSVGEKLVLNCTARTE LNVGIDFNWEYPSSKHQHKLVNRDLKTQSGSEMKKFLSTLTIDGVTRSDQGLYTC AASSGLMTKKNSTFVRVHEKPFVAFGSGMESLVEATVGERVRIPAKYLGYPPEIKW YKNGIPLESNHTIKAGHVLTIMEVSRDTGNYTVILTNPISKEKQSHVVSLLVYVPPQI GEKSLISPVDSYQYGTTQTLTCTVYAIPPPHHIHWYWQLEEECANEPSQAVSVTNPY PCEEWRSVEDFQGGNKIEVNKNQFALIEGKNKTVSTLVIQAANVSALYKCEAVNKG

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RGERVISFHVTRGPEITLQPDMQPTEQESVSLWCTADRSTFENLTWYKLGPPQLPIH
 VGELPTPVCKNLDTLWKLNATMFSNSTNDILIMELKNASLQDQGDYVCLAQDRKTKK
 RHCVVRQLTVLERVAPTITGNLENQTTSIGESIEVSCTASGNPPPQIMWFKDNETLVE
 DSGIVLKDGNRNLTIRVRKEDEGLYTCQACSVLGCAKVEAFFIIEGAQEKTNLE

Purity Greater than 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.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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

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MIM	191306
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UniProt ID	P35968
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