

Active Recombinant Mouse Kdr protein, mFc-tagged

Cat. No. Kdr-8115M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kdr protein(Ala 20 - Glu 762), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala 20 - Glu 762
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human VEGF165, premium grade at 2 µg/mL (100 µL/well) can bind Mouse VEGF R2 Protein, Mouse IgG2a Fc Tag with a linear range of 1-31 ng/mL. Immobilized ActiveMax Mouse VEGF120, Tag Free at 2 µg/mL (100 µL/well) can bind Mouse VEGF R2 Protein, Mouse IgG2a Fc Tag with a linear range of 1-31 ng/mL. Immobilized ActiveMax Mouse VEGF164, Tag Free at 2 µg/mL (100 µL/well) can bind Mouse VEGF R2 Protein, Mouse IgG2a Fc Tag with a linear range of 2-31 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 110.1 kDa. The protein migrates as 120-135 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.

 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

Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 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 protein receptor [<i>Mus musculus</i>]
Official Symbol	Kdr
Synonyms	KDR; kinase insert domain protein receptor; vascular endothelial growth factor receptor 2; kinase NYK; VEGF receptor-2; fetal liver kinase 1; protein-tyrosine kinase receptor flk-1; vascular endothelial growth factor receptor-2; vascular endothelial growth factor receptor-3; vascular endothelial growth factor receptor- 2; soluble vascular endothelial growth factor receptor 2; Flk1; Ly73; Flk-1; Krd-1; VEGFR2; VEGFR-2; sVEGFR-2; 6130401C07;
Gene ID	16542
mRNA Refseq	NM_010612
Protein Refseq	NP_034742

 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