Recombinant Rat KDR Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. KDR-1080RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant rat KDR (AAH87029.1) extracellular domain (Met 1-Glu 760) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	752
Form	Lyophilized
Molecular Mass	84.3 kDa
N-terminal Sequence Analysis	Ala 20
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm

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

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	Kdr kinase insert domain receptor [Rattus norvegicus]
Official Symbol	KDR
Synonyms	KDR; kinase insert domain receptor; vascular endothelial growth factor receptor 2; FLK-1; fetal liver kinase 1; kinase insert domain protein receptor; protein-tyrosine kinase receptor flk-1; FLK1 kinase insert domain receptor (VEGF receptor 2); FLK1 kinas
Gene ID	25589
mRNA Refseq	NM_013062
Protein Refseq	NP_037194

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