

# Recombinant Rat Kdr Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. KDR-8718RAF555 Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Alexa Fluor 555 conjugated recombinant Rat Kdr (Q5PQU0) (Met1-Glu760), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

### Species

Rat

### Source

HEK293

### ProteinLength

982

### Form

Lyophilized

### Molecular Mass

The recombinant rat KDR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 982 amino acids and has a predicted molecular mass of 110 kDa. The apparent molecular mass of the protein is approximately 120 kDa in SDS-PAGE under reducing conditions.

### Endotoxin

< 1.0 EU/ µg of the protein as determined by the LAL method.

### Characteristic

Disulfide-linked homodimer  
Labeled with Alexa Fluor 555 via amines  
With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Kdr kinase insert domain receptor [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">Kdr</a>
<b>Gene ID</b>	<a href="#">25589</a>
<b>mRNA Refseq</b>	<a href="#">NM_013062</a>
<b>Protein Refseq</b>	<a href="#">NP_037194</a>

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