

Recombinant Human KDR Protein, His/GST-tagged, Alexa Fluor 647 conjugated

Cat. No. KDR-7515HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant human KDR (NP_002244) (Asp807-Val1356), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.

Species Human

Source Insect Cells

ProteinLength 787

Form Lyophilized

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/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 647 via amines
Excitation = 650 nm
Emission = 668 nm

Stability Samples are stable for up to 12 months from date of receipt at -70 centigrade.

 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

| | |
|-----------------------|---|
| 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 a 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 8.0, 10% gly, 2 mM GSH |
| Reconstitution | 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. |
| Conjugation | Alexa Fluor 647 |

GENE INFORMATION

| | |
|------------------------|--|
| Gene Name | KDR kinase insert domain receptor (a type III receptor tyrosine kinase) [Homo sapiens] |
| Official Symbol | KDR |
| Gene ID | 3791 |
| mRNA Refseq | NM_002253 |
| Protein Refseq | NP_002244 |
| MIM | 191306 |
| UniProt ID | P35968 |

 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