

Recombinant Human FLT1 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. FLT1-3809HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant human FLT1 (P17948-1) extracellular domain (Met 1-Asn 756), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 741

Form Lyophilized

Molecular Mass The secreted recombinant human VEGFR1 consists of 741 amino acids with the predicted molecular mass of 83.7 kDa. As a result of glycosylation, rhVEGFR1 migrates as an approximately 110-120 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

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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
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	FLT1 fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) [Homo sapiens]
Official Symbol	FLT1
Gene ID	2321
mRNA Refseq	NM_001159920
Protein Refseq	NP_001153392
MIM	165070
UniProt ID	P17948

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