

# Recombinant Human FLT1 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. FLT1-190HAF488 Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Alexa Fluor 488 conjugated recombinant human FLT1 (NP\_001153503.1) (Met1-Ile328) was expressed with the Fc region of human IgG1 at the C-terminus.

**Species** Human

**Source** HEK293

**ProteinLength** 543

**Form** Lyophilized

**Molecular Mass** 61.1 kDa

**N-terminal Sequence Analysis** Ser 27

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

**Purity** > 95 % as determined by SDS-PAGE

**Characteristic**  
Disulfide-linked homodimer  
Labeled with Alexa Fluor 488 via amines  
Excitation Wavelength: 488 nm  
Emission Wavelength: 515-545 nm

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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 sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FLT1 fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">FLT1</a>
<b>Synonyms</b>	FLT1; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor); FLT; vascular endothelial growth factor receptor 1; VEGFR1; FLT-1; VEGFR-1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor;
<b>Gene ID</b>	<a href="#">2321</a>
<b>mRNA Refseq</b>	<a href="#">NM_001159920</a>
<b>Protein Refseq</b>	<a href="#">NP_001153392</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>MIM</b>	165070
------------	--------

<b>UniProt ID</b>	P17948
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA