

# Recombinant Human FLT4 Protein, Fc-tagged, FITC conjugated

**Cat. No.** FLT4-889HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FITC conjugated recombinant human FLT4 extracellular domain (Met 1-Ile 776) (NP_002011.2), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 990                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | The recombinant human VEGFR3/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 990 amino acids and predicts a molecular mass of 111 kDa. As a result of glycosylation and proteolytic cleavage, rhVEGFR3/Fc migrates as three bands (160, 85, 75 kDa) corresponding to the full length and the cleaved two polypeptides respectively in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                                                                                                            |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 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

|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | Emission Wavelength: 535 nm                                                                                                                                               |
| <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                                                                                                                                      |
| <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>    | FITC                                                                                                                                                                      |

## GENE INFORMATION

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Gene Name</b>       | FLT4 fms-related tyrosine kinase 4 [ Homo sapiens ] |
| <b>Official Symbol</b> | FLT4                                                |
| <b>Gene ID</b>         | 2324                                                |
| <b>mRNA Refseq</b>     | NM_002020                                           |
| <b>Protein Refseq</b>  | NP_002011                                           |
| <b>MIM</b>             | 136352                                              |
| <b>UniProt ID</b>      | P35916                                              |

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