

# Active Recombinant Human FLT3 protein, Fc-tagged, FITC-Labeled

**Cat. No.** FLT3-1454H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC-Labeled Recombinant Human FLT3 protein(Asn27-Ser543), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	27-543 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human Flt-3 Ligand, premium grade at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human Flt-3, Fc Tag with a linear range of 0.2-13 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 84.8 kDa. The protein migrates as 110-130 kDa and 250 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Asn27-Ser543
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Conjugation** FITC

## GENE INFORMATION

**Gene Name** [FLT3 fms-related tyrosine kinase 3 \[ Homo sapiens \]](#)

**Official Symbol** [FLT3](#)

**Synonyms** FLT3; fms-related tyrosine kinase 3; receptor-type tyrosine-protein kinase FLT3; CD135; FLK2; STK1; STK-1; CD135 antigen; FL cytokine receptor; fetal liver kinase 2; fms-like tyrosine kinase 3; stem cell tyrosine kinase 1; growth factor receptor tyrosine kinase type III; FLK-2;

**Gene ID** [2322](#)

**mRNA Refseq** [NM\\_004119](#)

**Protein Refseq** [NP\\_004110](#)

**MIM** [136351](#)

**UniProt ID** [P36888](#)

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