

Active Recombinant Human Flt3 protein

Cat. No. Flt3-1432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Flt3 protein(Thr27-Pro185) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-185 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human Flt-3 Ligand, premium grade at 1 µg/mL (100 µL/well) can bind Human Flt-3, Fc Tag with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries no "tag" The protein has a calculated MW of 18.0 kDa. The protein migrates as 21-27 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Thr27-Pro185
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
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

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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.

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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