# Active Recombinant Human Flt3 protein

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

## SPECIFICATION

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| **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

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| **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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