

Active Recombinant Human FLT3, Fc Chimera

Cat. No. FLT3-155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3 (Accession # AAA18947) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Asn27
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit Flt-3 Ligand-induced proliferation of BaF3 mouse pro-B cells transfected with Flt-3. The ED50 for this effect is typically 0.01 - 0.03 µg/mL in the presence of rhFlt-3 Ligand at 2 ng/mL.
Molecular Mass	Recombinant Human FLT3, Fc Chimera has a calculated MW of 85.5 kDa (monomer). In SDS-PAGE migrates as 120 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
Reconstitution	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

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
Chromosome Location	13q12

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