

Active Recombinant Human FLT3LG

Cat. No. FLT3LG-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG (Accession # AAA17999.1) Thr27-Pro185 was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	27-185 a.a.
Predicted N Terminal	Thr27
Form	Lyophilized from a 0.2 μ filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with mouse Flt-3. The ED50 for this effect is typically 0.2-1 ng/mL.
Molecular Mass	Recombinant Human FLT3LG has a calculated MW of 17.5 kDa. In SDS-PAGE migrates as 17-30 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).

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Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name FLT3LG fms-related tyrosine kinase 3 ligand [Homo sapiens]

Official Symbol FLT3LG

Synonyms FLT3LG; fms-related tyrosine kinase 3 ligand; flt3 ligand; FL; FLT3L;

Gene ID 2323

mRNA Refseq NM_001204502

Protein Refseq NP_001191431

MIM 600007

UniProt ID P49771

Chromosome Location 19q13.3

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