

Recombinant Human FLT3LG Protein, His-tagged

Cat. No. FLT3LG-95H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Fms-like Tyrosine Kinase 3 Ligand is produced by our Mammalian expression system and the target gene encoding Thr27-Pro184 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	27-184 a.a.
Description	Fms-Related Tyrosine Kinase 3 Ligand (FLT3LG) is a hematopoietic four helical bundle cytokine. It is structurally homologous to stem cell factor (SCF) and colony stimulating factor 1 (CSF-1). In synergy with other growth factors, Flt3 ligand stimulates the proliferation and differentiation of various blood cell progenitors by activation of Flt 3 receptor.
Form	Lyophilized from a 0.2 um filtered solution of 20mM TrisHCl, pH8.0.
AA Sequence	Thr27-Pro184
Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Purity	>95%
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room

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temperature for 3 weeks.
 Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days.
 Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
 It is not recommended to reconstitute to a concentration less than 100µg/ml.
 Dissolve the lyophilized protein in distilled water.
 Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Quality Statement

Purity: Greater than 95% as determined by reducing SDS-PAGE.

Shipping

The product is shipped at ambient temperature.
 Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

Gene Name	FLT3LG fms related receptor tyrosine kinase 3 ligand [Homo sapiens (human)]
Official Symbol	FLT3LG
Synonyms	Fms-Related Tyrosine Kinase 3 Ligand; Flt3 Ligand; Flt3L; SL Cytokine; FL; FLG3L; FLT3L
Gene ID	2323
mRNA Refseq	NM_001204502.2
Protein Refseq	NP_001191431.1
MIM	600007

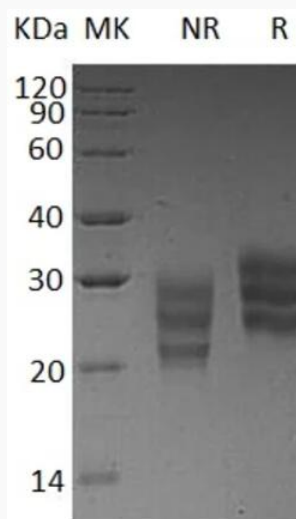
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UniProt ID **P49771**

SDS-PAGE



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