

Active Recombinant Human FLT3 Ligand Protein

Cat. No. FLT3LG-366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3 Ligand Protein is produced by Human Cells expression system. Structure: Glycosylated monomer.
Species	Human
Source	Human Cells
Description	Human Flt3 Ligand is a 24-30kDa glycoprotein with a 158 amino acid. Flt3 Ligand is expressed by T cells, bone marrow and thymic fibroblasts. The predominant biologically active form is membrane- bound isoform, which can be proteolytically cleaved to generate a biologically active soluble isoform. Flt3 Ligand synergizes well with a number of other colony stimulating factors and interleukins to regulate proliferation of early hematopoietic cells by activating Flt3.
Form	Lyophilized from a 0.2µm filtered solution in PBS without carrier protein
Bio-activity	The activity was measured by its ability to stimulate the proliferation of the human acute myeloid leukemia cell line OCI-AML5.
Molecular Mass	24-30 kDa
Endotoxin	<0.5EU/ug
Purity	>95% by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

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

Official Symbol FLT3LG

Synonyms FLT3LG; flt3 ligand; FL; FLT3L;

Gene ID 2323

mRNA Refseq NM_001204502

Protein Refseq NP_001191431

MIM 600007

UniProt ID P49771

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