

Active Recombinant Human FLT3LG Protein, Animal Free

Cat. No. FLT3LG-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	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 colonies stimulating factors and interleukins to regulate proliferation of early hematopoietic cells by activating Flt3.
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	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	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

 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

centigrade under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

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 (human)]

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

 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