# Active Recombinant Human FLT3LG Protein, Animal Free

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

## SPECIFICATION

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| **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 |

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| | 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

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| **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 |

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