

## Active Recombinant Human FLT3LG protein

**Cat. No.** FLT3LG-562H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human FLT3LG protein was expressed in Yeast.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Hi-5 Insect Cells                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from a 0.2µm filtered solution in 50mM NaAc, 50 mM NaCl, pH4.0.                                                                                                                                                                                                                                                                               |
| <b>Bio-activity</b>     | Measured in a cell proliferation assay using M1. The specific Activity shall be not less than $1.2 \times 10^6$ U/mg.                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | Theoretical molecular mass is about 19.1 kD.                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | <1EU/µg, determined by the LAL method.                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | ≥97%.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | <p>Lyophilized samples are stable for 36 months from date of manufacture at -20°C to -70°C.</p> <p>Upon reconstitution, this cytokine can be stored under sterile conditions at 2- 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detectable loss of activity.</p> <p>Avoid repeated freeze-thaw cycles.</p> |
| <b>Reconstitution</b>   | It is recommended to centrifuge at 10,000rpm for 30-60 sec or 3000rpm for 5 min                                                                                                                                                                                                                                                                           |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

before opening the tube, and then reconstitute with 0.2ml sterile water.

## 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                                                                |

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