

# Recombinant Human FLT3LG Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** FLT3LG-3369H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FLT3LG MS Standard C13 and N15-labeled recombinant protein (NP_001450) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 -positive classical DCs and their CD103 (ITGAE)-positive tissue counterparts. |
| <b>Molecular Mass</b>   | 26.4 kDa                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MTVLAPAWSPTTYLLLLLLLSSGLSGTQDCSFQHSPISDFAVKIRELSDYLLQDYPV<br>TVASNLQDEELCGGLWRLVLAQRWMERLKTVAGSKMQGLLERVNTEIHFTKCAF<br>QPPPSCLRFVQTNISRLLQETSEQLVALKPWITRQNFRCLELQCQPDSSTLPPWWS<br>PRPLEATAPTAPQPPLLLLLLLPVGLLLAAAWCLHWQTRRRTPRPGEQVPPVPSP<br>QDLLLVEHTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                           |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## 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\_001459

**Protein Refseq** NP\_001450

**MIM** 600007

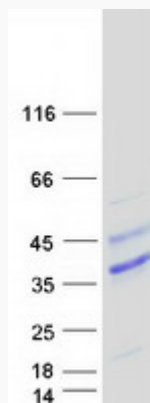
**UniProt ID** P49771

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## SDS-PAGE



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