

## Active Recombinant Human FLT3LG protein

**Cat. No.** FLT3LG-1235H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human FLT3LG protein(P49771-1)(Thr27-Ala181) is expressed from E.coli without tag.                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 27-181 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                              |
| <b>Bio-activity</b>     | Immobilized Human FLT3 Ligand, No Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human FLT3, hFc Tag with the EC50 of 21.7ng/ml determined by ELISA.                                                  |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 17.61 kDa same as Bis-Tris PAGE result.                                                                                                                                               |
| <b>Endotoxin</b>        | Less than 0.1 EU per µg by the LAL method.                                                                                                                                                                              |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                        |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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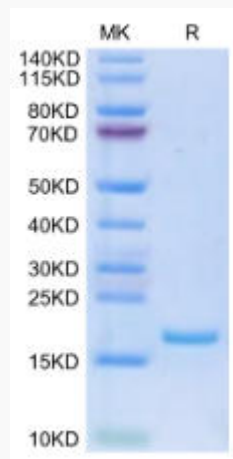
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| <b>Gene Name</b>       | FLT3LG fms-related tyrosine kinase 3 ligand [ Homo sapiens ]          |
| <b>Official Symbol</b> | FLT3LG                                                                |
| <b>Synonyms</b>        | FLT3LG; fms-related tyrosine kinase 3 ligand; flt3 ligand; FL; FLT3L; |
| <b>Gene ID</b>         | 2323                                                                  |
| <b>mRNA Refseq</b>     | NM_001204502                                                          |
| <b>Protein Refseq</b>  | NP_001191431                                                          |
| <b>MIM</b>             | 600007                                                                |
| <b>UniProt ID</b>      | P49771                                                                |

### Bis-Tris PAGE

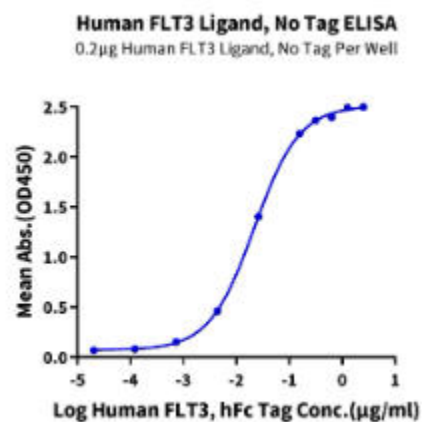


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## ELISA Data



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