

## 32-1207: Flt3 Ligand His Recombinant Protein

**Alternative Name :** Fms-related tyrosine kinase 3 ligand,FLK2,STK1,CD135,Stem Cell Tyrosine Kinase 1,FLT3LG,Flt3.

### Description

Source : Escherichia Coli. Flt3-Ligand Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 165 amino acids (including his tag) and having a molecular mass of 18.9 kDa. Flt3-Ligand is purified by proprietary chromatographic techniques. FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 97 % as determined by SDS-PAGE.
<b>Content :</b>	The protein was lyophilized with PBS.
<b>Storage condition :</b>	Lyophilized Flt3-Ligand although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flt3-Ligand should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

### Application Note

It is recommended to reconstitute the lyophilized Flt3-L in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. The activity was measured in a cell proliferation assay. The EC<sub>50</sub> for this effect is typically 0.2-1 ng/mL.

