

Recombinant Human Flt3 Ligand Catalog Number: SJA07

Strength: 10µg, 50µg

Specifications and Use

Source : *Escherichia coli*.

Molecular Mass : 17.6kDa.

Purity : ≥ 98% as determined by SDS-PAGE and HPLC analyses.

Biological Activity : rHuFlt3-L is fully biologically active when compared to standards. Its specific activity is $\geq 1 \times 10^6$ units/mg.

Endotoxin Level : Less than 10EU/mg of rHuFlt3-L as determined by LAL method.

Formulation : Sterile filtered lyophilized (freeze-dried) powder, with 20mM Tris.HCl, 20mM NaCl, pH7.4.

Solubility : It is recommended to reconstitute the lyophilized rHuFlt3-L in sterile distilled H₂O to prepare a stock solution of no less than 100µg/ml of the cytokine.

Stability : The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C.

- Reconstituted rHuFlt3-L should be stored in working aliquots at -20°C
- Avoid repeated freeze-thaw cycles.

Human Flt3-Ligand

Flt3-ligand (flk2-ligand) stimulates the proliferation and colony formation of certain BM precursor cells including CD34+ cells. Recombinant Human Flt3-Ligand is a soluble 17.6 kDa polypeptide containing 155 amino acid residues, which comprises the extracellular domain of the transmembrane flt3-ligand protein.

FOR RESEARCH USE ONLY. NOT FOR HUMAN USE.