



Recombinant Human Flt3 Ligand

Catalog Number: SJA07

Strength: 10µg, 50µg

Specifications and Use

Source	<i>Escherichia coli</i> .
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 H ₂ O 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.