

**Flt-3L/Flt3LG (C-6His), Mouse, Recombinant**

Cat. No. : PCK096

**General Information**

<b>Synonyms</b>	Fms-related tyrosine kinase 3 Ligand (Flt3L);SL Cytokine;Flt3 Ligand
<b>Species</b>	Mouse
<b>Expression host</b>	Human Cells
<b>Sequence</b>	Gly27-Arg188
<b>Accession</b>	P49772
<b>Tag</b>	C-6His
<b>Mol mass</b>	19.4 kDa
<b>Expiration date</b>	12 months

**Product feature**

<b>Purity</b>	> 95% as determined by reducing SDS-PAGE.
<b>Endotoxin (EU/μg)</b>	< 0.1
<b>Storage</b>	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
<b>Shipping</b>	Ice bag
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Background**

Fms-related tyrosine kinase 3 Ligand (Flt3L) is a single-pass type I membrane Protein and consists of 232 amino acids. Flt3L is a hematopoietic four helical bundle Cytokine, structurally homologous to stem cell factor and colony stimulating factor. Flt3L synergizes well with a number of other colony stimulating factors and Interleukins. Flt3L stimulates the proliferation and differentiation of various blood cell progenitors by activating FLT3.