

## Flt-3L/ Flt3LG (C-6His), Human, Recombinant

货号 : PCK090

### 产品信息

别名	Fms-related Tyrosine Kinase 3 Ligand; Flt3 Ligand; Flt3L; SL Cytokine; FLT3LG
物种	Human
表达宿主	Human Cells
序列信息	Thr27-Pro184
检索号	P49771
分子量	19 kDa
标签	C-6His
生物活性	Immobilized Human FLT3LG (C-6His) 5 µg/ml (100 µl/well) can bind Human FLT3 (C-Fc). The EC50 of Human FLT3 (C-Fc) is not higher than 10 ng/ml.

### 产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per µg as determined by LAL test.
保存	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.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.



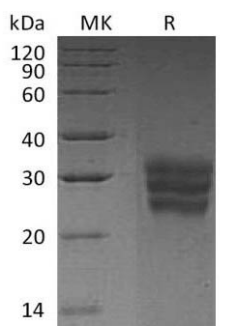
## 复融

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 distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

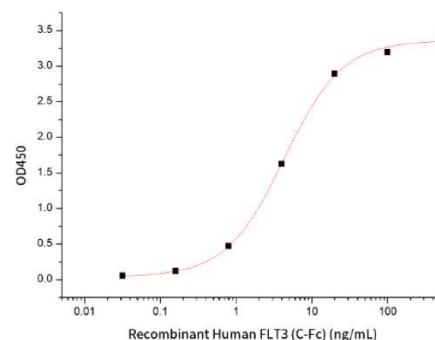
Fms-Related Tyrosine Kinase 3 Ligand (FLT3LG) is a hematopoietic four helical bundle Cytokine. Mature human Flt-3 Ligand consists of an extracellular domain (ECD) with a Cytokine-like domain and a juxtamembrane tether region, a transmembrane segment, and a cytoplasmic tail. Human and mouse Flt-3 Ligand show cross-species activity. Flt-3 Ligand is expressed as a noncovalently-linked dimer by T cells and bone marrow and thymic fibroblasts. It is structurally homologous to stem cell factor (SCF) and colony stimulating factor 1 (CSF-1). In synergy with other Growth Factors, Flt3 Ligand stimulates the proliferation and differentiation of various blood cell progenitors by activation of Flt 3 Receptor.

## SDS-PAGE



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## 生物活性



Immobilized Human FLT3LG (C-6His) at 5 µg/ml (100 µl/well) can bind Human FLT3 (C-Fc). The EC50 of Human FLT3 (C-Fc) is not higher than 10 ng/ml.

