

**Flt-3L/Flt3LG (C-6His), Human, Recombinant****Cat. No. : GPCK090****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Thr27-Pro184
检索号	P49771
标签	C-6His
分子量	19 kDa
有效期	12 months
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**

内毒素 (EU/µg)	< 0.1
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 20 mM Tris, 150 mM NaCl, pH 8.0.
复溶	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.

**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 a 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.

