

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

货号：PCK090

产品信息

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| 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

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| 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. |



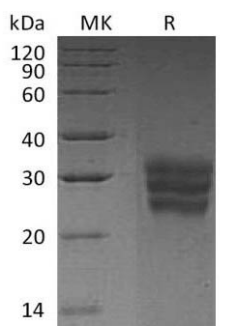
复融

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

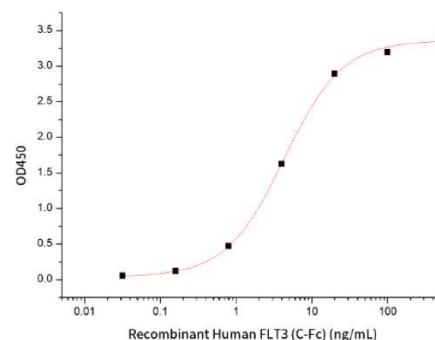
Fms-Related Tyrosine Kinase 3 Ligand (FLT3LG) is a hematopoietic four helical bundle Cytokine. Mature human Flt-3 Ligand consists of an extracellular domain (ECD) with a Cytokine-like domain and a juxtamembrane tether region, a transmembrane segment, and a cytoplasmic tail. Human and mouse Flt-3 Ligand 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.

