

Flt-3 Ligand/FL/FLG3L/FLT3L, Human, Recombinant

货号：PCK353

产品信息

别名	FL, FLG3L, FLT3L
物种	Human
表达宿主	E.coli
序列信息	MTQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLDDEELCGGLWRL VLAQRWMERLKTVAGSKMQGLLERNTEIHFVTKCAFQPPPSCLRFRVQTNISRL LQETSEQLVALKPWITRQNFRCLELQCQPDSSTLPPPWSRPLEATAP TA with polyhistidine tag at the C-terminus.
检索号	P49771
分子量	18.6 kDa
标签	His-tag at the C-terminus
生物活性	Measure by its ability to induce proliferation in BaF3 cells transfected with mouse Flt-3. The ED50 for this effect is <0.8 ng/mL. The specific activity of recombinant human Flt-3 Ligand is > 1.5 x 10 ⁶ IU/mg.

产品特性

纯度	>95% as determined by SDS-PAGE. Ni-NTA chromatography.
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Fms-related tyrosine kinase 3 ligand (FLT3LG) is a protein which in humans is encoded by the FLT3LG gene. FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.

SDS-PAGE

