

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

货号 : PCK356

产品信息

别名 Fetal liver kinase 2, FLK-2

物种 Mouse

表达宿主 E.coli

序列信息 MGTPDCYFSHSPISSNFKVKFRELTDHLLKDYPVTVAVNLQDEKHCKALWS
LFLAQRWIEQLKTVAGSKMQTLLEDVNTEIHFVTSCTFQPLPECLRFVQTNI
SHLLKDTCTQLLALKPCIGKACQNFRCLEVQCQPDSSTLLPPRSPIALEATE
LPEPRPR with polyhistidine tag at the C-terminus.

检索号 P49772

分子量 19.3 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 <2 ng/mL.

产品特性

纯度 >98% 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 7.4.



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

