

32-6360: Flt3 Ligand Porcine

Alternative Name : Fms-related tyrosine kinase 3 ligand, FLK2, STK1, CD135, Stem Cell Tyrosine Kinase 1, FLT3LG, Flt3.

Description

Source: Escherichia Coli.

Sterile Filtered White lyophilized (freeze-dried) powder.

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.

Flt3-Ligand Porcine Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 155 amino acids and having a molecular mass of approximately 17.3kDa. Flt3-Ligand is purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 25 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The protein is lyophilized with 10mM Sodium Phosphate pH-7.5.

It is recommended to reconstitute the lyophilized Flt3-L in sterile 18M Omega -cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Storage condition :

Lyophilized Porcine Flt3-Ligand although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flt3-Ligand should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid :

MSPDCSFPHS PISSTFANTI RQLSDYLLQD YPVTVASNLQ DDELCGAFWR LVLAQRWMGQ
LKT VAGSQMQ KLL EAVNTEI VFVTSCALQP LPSCLRFVQA NISHLLQDTS QQLVALKPWI TRRNFSRCLE
LQCQPD PSTL LPPRSPGALE ATSLP.