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Flt3 Ligand Porcine

Flt3 Ligand Porcine Recombinant
CYK0157

Product Overview

Name	Flt3 Ligand Porcine

Description

Flt3 Ligand Porcine Recombinant

Accession (Primary)	P49771

Synonyms

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

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

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

Stability

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MSPDCSFPHS PISSTFANTI RQLSDYLLQD YPVTVASNLQ DDELCGAFWR LVLAQRWMGQ LKTVAGSQMQ KLLEAVNTEI VFVTSCALQP LPSCLRFVQA NISHLLQDTS QQLVALKPWI TRRNFSRCLE LQCQPDPSTL LPPRSPGALE ATSLP.

Solubility

It is recommended to reconstitute the lyophilized Flt3-L in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can

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then be further diluted to other aqueous solutions.

Precautions

Flt3 Ligand Porcine is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49771)