
Product Data Sheet

Product Name: Flt3 Ligand Porcine
 Cat. No.: GP20266
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Fms-related tyrosine kinase 3 ligand; FLK2; STK1; CD135; Stem Cell Tyrosine Kinase 1; FLT3LG; Flt3.		
Amino Acid Sequence	MSPDCSFPHS PISSTFANTI RQLSDYLLQD YPVTVASNLQ DDELCGAFWR LVLAQRWGMGQ LKTVAGSQMQ KLEAVNTEI VFVTSCALQP LPSCCLRFVQA NISHLLQDTS QQLVALKPWI TRRNFSRCLE LQCQPDPSTL LPPRSPGALE ATSLP.		
Solubility	It is recommended to reconstitute the lyophilized Flt3-L in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The protein is lyophilized with 10mM Sodium Phosphate pH-7.5.		

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.

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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