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Flt3 Ligand Mouse

Flt3 Ligand Mouse Recombinant
CYK0155

Product Overview

Name	Flt3 Ligand Mouse
Description	
Flt3 Ligand Mouse Recombinant	
Accession (Primary)	P49772
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 FLT3L Mouse protein was lyophilized from sterile filtered solution containing 10mM sodium phosphate, pH 7.5.	
Stability	
Lyophilized Flt3-Ligand although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flt-3 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	
MTPDCYFSHS PISSNFKVKF RELTDHLLKD YPVTVAVNLQ DEKHCKALWS LFLAQRWIEQ LKTVAGSKMQ TLLEDVNTEI HFVTSCTFQP LPECLRFVQT NISHLLKDTC TQLLALKPCI GKACQNFSRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR PRQ.	
Biological Activity	
The ED 50 , calculated by the dose-dependent proliferation of mouse AML5 cells is 4.96ng/ml, corresponding to a	

specific activity of 2.0x10 5 units/mg.

Solubility

It is recommended to reconstitute the lyophilized Flt3l Mouse recombinant in sterile 18MΩ-cm H2O at a concentration of 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

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

Target Information: (P49772)