

Flt3-Ligand Active Protein | Flt3l active protein

Recombinant Mouse Flt3-Ligand

CATALOG #
AAA38167

HOST
E Coli

PRODUCT SYNONYMS

Flt3-Ligand; Recombinant Mouse Flt3-Ligand; Flt3 Ligand Mouse; Flt3 Ligand Mouse Recombinant; Fms-related tyrosine kinase 3 ligand; FLK2; STK1; CD135; Stem Cell Tyrosine Kinase 1; FLT3LG; Flt3; mFlt3 Ligand; Flt3l active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 98.0% as determined by SDS-PAGE.
Form/Format	The FLT3L Mouse protein was lyophilized without any additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MTPDCYFSHS PISSNFKVKF RELTDHLLKD YPVTAVANLQ DEKHCKALWS LFLAQRWIEQ LKTVAGSKMQ TLLEDVNTEI HFVTSCTFQP LPECLRFVQT NISHLKDTTC TQLLALKPCI GKACQNF SRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR PRQ
Sequence Length	232
Solubility	It is recommended to reconstitute the lyophilized Flt3-Ligand in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The ED50, calculated by the dose-dependent proliferation of mouse AML5 cells is 1.3-2.0ng/ml.
Preparation and Storage	Lyophilized Flt3-Ligand although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Flt-3 Ligand should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Flt3l active protein	Description: Flt3-Ligand Mouse Recombinant produced in E Coli is non-glycosylated, polypeptide chain containing 163 amino acids and having a molecular mass of 18587 Dalton. Flt3-Ligand is purified by proprietary chromatographic techniques. 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.
Product Categories/Family for Flt3l active protein	Cytokines and Growth Factors; Cytokines; Flt3 Ligand

NCBI AND UNIPROT INFORMATION

NCBI GI #	227430331
NCBI GeneID	14256
NCBI Accession #	NP_038548.3
NCBI GenBank Nucleotide #	NM_013520.3

UniProt Accession #	P49772 ; Q64085
Molecular Weight	28,259 Da
NCBI Official Full Name	fms-related tyrosine kinase 3 ligand
NCBI Official Synonym Full Names	FMS-like tyrosine kinase 3 ligand
NCBI Official Symbol	Flt3l
NCBI Official Synonym Symbols	Ly72L; Flt3lg
NCBI Protein Information	fms-related tyrosine kinase 3 ligand; flt3 ligand
UniProt Protein Name	Fms-related tyrosine kinase 3 ligand
UniProt Gene Name	Flt3lg
UniProt Synonym Gene Names	Flt3l; Flt3 ligand; Flt3L
UniProt Entry Name	FLT3L_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/flt3-ligand/38167>