

Recombinant mouse Flt3 Ligand/FLT3LG protein

Catalog Number: ATGP3180

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

27-189aa

UniProt No.

P49772

NCBI Accession No.

NP_038548

Alternative Names

Flt3l, Flt3lg, Ly72L, Fms-related tyrosine kinase 3 ligand, Flt3l

PRODUCT SPECIFICATION

Molecular Weight

19.3 kDa (169aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

FLT3L, also known as fms-related tyrosine kinase 3 ligand, stimulates the proliferation of sub-populations of hematopoietic cells that are enriched for stem and progenitor cells. This factor is a transmembrane protein that undergoes proteolytic cleavage to generate a soluble form of the protein. Recombinant mouse FLT3L, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography

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techniques.

Amino acid Sequence

GTPDCYFSHS PISSNFKVKF RELTDHLLKD YPVTVAVNQ DEKHCKALWS LFLAQRWIEQ LKTVAGSKMQ TLLEDVNTEI
HFVTSCTFQP LPECLRFVQT NISHLLKDTG TQLLALKPCI GKACQNFSSRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR
PRQ<HHHHHH>

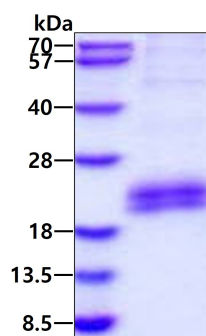
General References

Lyman S.D. et al., (1993) Cell. 75:1157-1167.

Lyman S.D. et al., (1995) Oncogene. 10:149-157.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain