

Fms-related tyrosine kinase 3 ligand, 27-189aa

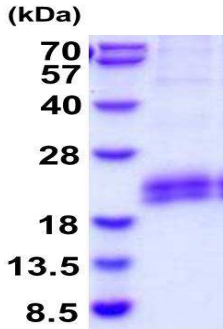
Mouse, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3180

NCBI Accession No.: NP_038548

Synonyms: Flt3l, Flt3lg, Ly72L

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 techniques.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p>Molecular Weight: 19.3kDa (169aa) 18-28kDa (SDS-PAGE under reducing conditions.)</p> <p>Purity: > 85% by SDS – PAGE.</p> <p>Concentration: 0.5mg/ml (determined by Absorbance at 280nm)</p> <p>Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)</p>	 <p>15% SDS-PAGE (3µg)</p>
<p>Sequences of amino acids:</p> <p>GTPDCYFSHS PISNFKVKF RELTDHLLKD YPVTVAVNQ DEKHCKALWS LFLAQRWIEQ LKTVAGSKMQ TLLEDVNTEI HFVTSCTFQP LPECLRFVQT NISHLLKDTG TQLLALKPCI GKACQNF SRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR PRQHHHHH</p>	

General references:

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

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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:
Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com