

## Product datasheet for **TP723114**

### Flt3l (NM\_013520) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse FMS-like tyrosine kinase 3 ligand (cDNA clone MGC:30232 IMAGE:5132319).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTPDCYFSHS PISSNFKVKF RELTDHLLKD YPVTVAVNLQ DEKHCKALWS LFLAQRWIEQ LKTVAGSKMQ TLLEDVNTEI HFVTSCTFQP LPECLRFVQT NISHLLKDTC TQLLALKPCI GKACQNF SRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR PRQ
Tag:	Tag Free
Predicted MW:	18.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent stimulation of the proliferation of human AML5 cells. The expected ED50 for this effect is 5.0 - 8.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_038548</a>
Locus ID:	14256
UniProt ID:	<a href="#">P49772</a> , <a href="#">A9QW46</a>
RefSeq Size:	990
Cytogenetics:	7 29.14 cM
RefSeq ORF:	507
Synonyms:	Flt3lg; Ly72L



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**Summary:**

Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins.[UniProtKB/Swiss-Prot Function]

**Product images:**