

Active Recombinant Mouse Flt3l Protein, His-tagged

Cat. No. Flt3l-02M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Flt3l Protein with His tag was expressed in Chinese Hamster Ovary cell line.
Species	Mouse
Source	CHO
Description	Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins.
Bio-activity	ED50 < 10 ng /mL, measured in a cell proliferation assay using AML5 cells.
Molecular Mass	24-30 kDa
AA Sequence	GTPDCYFESHSPISSNFKVKFRELTDHLLKDYPVTVAVNLQDEKHCKALWLSFLAQR WIEQLKTVAGSKMQTLLEDVNTEIHFVTSCTFQPLPECLRFVQTNISHLLKDTCTQLL ALKPCIGKACQNF SRCLEVQCQPDSSTLLPPRSPIALEATELPEPRPRHHHHHH
Endotoxin	< 0.2 EU/μg, determined by LAL method.
Purity	> 95% as analyzed by SDS-PAGE
Storage	Up to 6 months at lower than -70 centigrade from date of receipt. Upon reconstitution, Stable up to 1 week at 4 centigrade or up to 2 months at -20 centigrade.

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Storage Buffer Lyophilized after extensive dialysis against PBS.

Reconstitution Reconstituted in ddH₂O or PBS at 100 µg/mL.

GENE INFORMATION

Gene Name Flt3l FMS-like tyrosine kinase 3 ligand [*Mus musculus* (house mouse)]

Official Symbol Flt3l

Synonyms Flt3l; FMS-like tyrosine kinase 3 ligand; Ly72L; Flt3lg; fms-related tyrosine kinase 3 ligand; flt3 ligand

Gene ID 14256

mRNA Refseq NM_013520

Protein Refseq NP_038548

UniProt ID P49772

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