

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	GTPDCYFESHSPISSNFKVKFRELTDHLLKDYPVTVAVNLQDEKHCKALWSLFLAQR 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.
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Reconstitution	Reconstituted in ddH ₂ O or PBS at 100 µg/mL.
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GENE INFORMATION

Gene Name	Flt3l FMS-like tyrosine kinase 3 ligand [Mus musculus (house mouse)]
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Official Symbol	Flt3l
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Synonyms	Flt3l; FMS-like tyrosine kinase 3 ligand; Ly72L; Flt3lg; fms-related tyrosine kinase 3 ligand; flt3 ligand
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Gene ID	14256
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mRNA Refseq	NM_013520
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Protein Refseq	NP_038548
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UniProt ID	P49772
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