

Active GMP Recombinant Human Flt3L Protein

Cat. No. Flt3L-01HG Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Flt3L protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
Description	Flt3-L (Flt3 Ligand) is a membrane protein, homologous to SCF and M-CSF, that stimulates early hematopoietic cytokines. In vivo and ex vivo tests have confirmed that Flt3-L can regulate the proliferation and differentiation of non-erythroid hematopoietic stem/progenitor cells. In synergy with various cytokines, Flt3-L can promote the proliferation, differentiation and maturation of pre-B lymphocytes, dendritic cells (DC), natural killer (NK) cells, and cytotoxic T lymphocytes (CTL), and thus has important anti-tumor effects.
Form	Lyophilized powder
Endotoxin	<20 EU/mg
Bio-activity	>1.0 x 10 ⁶ IU/mg
Purity	>95.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.
Storage Buffer	10mM Phosphate-Buffered Saline (pH 7.2)

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Stable storage at 4°C for 7-10 days; for long-term storage, please store at -20°C after dispensing.
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Sterility	Sterility
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Instructions	It is recommended that lyophilized GMP rhFlt3L be dissolved in water for injection or sterilized ultrapure water at a concentration of not less than 100 µg/ml, pending further dilution to working concentration.
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GENE INFORMATION

Gene Name	FMS-like tyrosine kinase 3 ligand
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