

Recombinant Human FLT3LG Protein

Cat. No. FLT3LG-489H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FLT3LG protein
Species	Human
ProteinLength	235
Description	Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts (summary by Sathaliyawala et al., 2010 [PubMed 20933441]).
Form	Lyophilized
AA Sequence	MTVLAPAWSPTTYLLLLLLLSSGLSGTQDCSFQHSPISDFAVKIRELSDYLLQDYPV TVASNLQDEELCGGLWRLVLAQRWMERLKTVAGSKMQGLLERVNTIEHFVTKCAF QPPPSCLRFVQTNISRLLQETSEQLVALKPWITRQNFRCLELQCQPDSSTLPPPWS PRPLEATAPTAPQPPLLLLLLLLPVGLLLAAAWCLHWQRTTTPRPGEQVPPVPSP QDLLLVEH
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	FLT3LG fms-related tyrosine kinase 3 ligand [Homo sapiens (human)]
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms-related tyrosine kinase 3 ligand; flt3 ligand; FL; FLT3L;
Gene ID	2323
mRNA Refseq	NM_001204502
Protein Refseq	NP_001191431
MIM	600007
UniProt ID	P49771

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