

Recombinant Human FLT3LG Protein, His-tagged

Cat. No. FLT3LG-939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG, transcript variant 3, fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 from a 0.2 M filtered solution of 20mM TrisHCl, pH8.0
Molecular Mass	18.9kD
AA Sequence	MTVLAPAWSPTTYLLLLLLLSSGLSGTQDCSFQHSPISDFAVKIRELSDYLLQDYPV TVASNLQDEELCGGLWRLVLAQRWMERLKT VAGSKMQGLLERVNT EIH FVT KCAF QPPPSCLRFVQTNISRL LQETSEQLV ALKPWITRQNF SRCL ELQCQPDSSTLPP PWS PRPLEATAPTAPQPV DHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	FLT3LG fms-related tyrosine kinase 3 ligand [Homo sapiens]
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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