

Recombinant Full Length Human FLT3LG Protein, GST-tagged

Cat. No. FLT3LG-4965HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLT3LG full-length ORF (NP_001450.2, 1 a.a. - 235 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	235 amino acids
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]).[supplied by OMIM, Jan 2011]
Molecular Mass	52.8 kDa
AA Sequence	MTVLAPAWSPTTYLLLLLLLSSGLSGTQDCSFQHSPISDFAVKIRELSDYLLQDYPV TVASNLQDEELCGGLWRLVLAQRWMERLKTAVAGSKMQGLLERVNTIEHFVTKCAF QPPPSCLRFVQTNISRLLQETSEQLVALKPWITRQNF SRCLELQCQPDSSTLPPPW PRPLEATAPTAPQPPLLLLLLLPVGLLLLA AAWCLHWQRTRRRTPRPGEQVPPVPSP QDLLLVEH
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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