Recombinant Human FLT3LG Protein, GST-tagged

Cat. No. FLT3LG-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLT3LG Protein 26-234 (without signal peptide) with GST tag was expressed in Sf10-Baculovirus.
Species	Human
Source	Insect Cells
ProteinLength	26-234 a.a.
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]).
Molecular Mass	51.1 kDa
Purity	>70% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunobloting with anti-GST monoclonal (WB).
Applications	ELISA, WB, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunobloting with anti-GST monoclonal and peptide fingerprinting by MALDI-TOF mass spectrometry.

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Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at −80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	PBS + 10mM Reduced glutation.

GENE INFORMATION

Gene Name	FLT3LG fms related receptor tyrosine kinase 3 ligand [Homo sapiens (human)]
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms related receptor tyrosine kinase 3 ligand; FL; FLG3L; FLT3L; fms-related tyrosine kinase 3 ligand; flt3 ligand; fms related tyrosine kinase 3 ligand
Gene ID	2323
mRNA Refseq	NM_001459
Protein Refseq	NP_001450
MIM	600007
UniProt ID	P49771

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