

Recombinant Human FLT3LG

Cat. No. FLT3LG-28905TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length extracellular domain of Human Flt3 Ligand protein expressed in modified Human 293 cells, amino acids 27-184.
Species	Human
ProteinLength	27-184 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.
Biological activity	Activity:The ED50 of FLT3LG-28905TH is typically between 0.5 -5.0 ng/ml as measured in a cell proliferation assay using the OCI/AML5 Human leukemia cell line.
Form	Lyophilised:It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial.Following reconstitution short-term storage at 4°C is recommended, with longer-term storage in aliquots at -18 to -20°C. Repeated freeze thawing is not rec
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Trehalose, 1% Human serum albumin

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Storage	Store at +4°C.
Sequences of amino acids	Theoretical Sequence: TQDCSFQHSPISDFAVKIRELSDYLLQD YPVTVASNLQDEE LCGGLWRLVLAQRWMERLKT VAGSK MQGLLERVNT EIH FVT KCAFQPPPSCLRFV QTNISRLLQE TSEQLVALKPWITRQNF SRCLELQCQPDSSTLPPPWSP RPLEATAP TAPAS
Full Length	Full L.

GENE INFORMATION

Gene Name	FLT3LG fms-related tyrosine kinase 3 ligand [Homo sapiens]
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms-related tyrosine kinase 3 ligand;
Gene ID	2323
mRNA Refseq	NM_001204502
Protein Refseq	NP_001191431
MIM	600007
Uniprot ID	P49771
Chromosome Location	19q13.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage,

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organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;
Pathways in cancer, organism-specific biosystem;

Function

cytokine activity; receptor binding;

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