Active Recombinant Human Fms-related Tyrosine Kinase 3 Ligand, HIgG1 Fc-tagged

Cat. No. FLT3LG-278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human FLT3L (AAI26294.1) (Thr27-Pro184) is fused to the N-terminus of the Fc region of human IgG1was expressed in CHO cell
Species	Human
Source	CHO
ProteinLength	27-184 a.a.
Description	Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens andpriming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly importantfor plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positivetissue counterparts
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay.
Molecular Mass	44KDa (monomer)
AA Sequence	Thr27-Pro184
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid 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
Chromosome Location	19q13.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage,

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Pathways in cancer, organism-specific biosystem;
Function	cytokine activity; protein homodimerization activity; receptor binding; receptor tyrosine kinase binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA