

Active Recombinant Human CD300LF, Fc Chimera

Cat. No. CD300LF-412H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD300LF (Accession # AAP57942) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Tyr16 & Thr20
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to stimulate human T cell proliferation. The ED50 for this effect is typically 0.75-4.5 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human CD300LF, Fc Chimera has a calculated MW of 42.4 kDa (monomer). In SDS-PAGE migrates as 57-62 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	CD300LF CD300 molecule-like family member f [Homo sapiens]
Official Symbol	CD300LF
Synonyms	CD300LF; CD300 molecule-like family member f; CD300 antigen like family member F; CMRF35-like molecule 1; CD300f; CLM1; IGSF13; IREM1; NKIR; NK inhibitory receptor; inhibitory receptor IREM1; CD300 antigen-like family member F; immunoglobulin superfamily member 13; CD300 molecule like family member f; immunoglobulin superfamily member 13; immune receptor expressed on myeloid cells 1; CLM-1; IREM-1; IgSF13;
Gene ID	146722
mRNA Refseq	NM_139018
Protein Refseq	NP_620587
MIM	609807
UniProt ID	Q8TDQ1
Chromosome Location	17q25.2