

Recombinant Mouse Cd300Ig protein, His-tagged

Cat. No. Cd300Ig-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd300Ig(Lys19-Arg204) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-204 a.a.
Description	CMRF35-like molecule 9(CLM-9), also known as TREM4, is a member of the CD300 - like (CD300L) family. All CD300L proteins are type I cell surface glycoproteins that contain a single immunoglobulin (Ig) V-like domain. CD300LG is expressed in many tissues, such as monocyte cell lines, endothelial and myeloid lineage cells, mesenteric lymph nodes (LNs), spleen, thymus, lung, heart,kidney and so on. It's receptor which may mediate L-selectin-dependent lymphocyte rollings. CD300LG binds SELL in a calcium dependent manner.
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days.Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.It is not

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recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	Cd300lg CD300 antigen like family member G [<i>Mus musculus</i>]
Official Symbol	Cd300lg
Synonyms	Clm9; D11Ert736e; 2310016B05Rik; CD300 antigen-like family member G; CLM-9; CMRF-35-like molecule-9; nepmucin
Gene ID	52685
mRNA Refseq	NM_001160711
Protein Refseq	NP_001154183
MIM	
UniProt ID	Q1ERP8
Chromosome Location	11 D; 11 65.48 cM
Pathway	Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem
Function	IgM binding

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