

## Product datasheet for **MC209908**

### Cd300lg (NM\_027987) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cd300lg (NM\_027987) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cd300lg  
**Synonyms:** 2310016B05Rik; Clm9; D11ErtD736e  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209908 representing NM\_027987  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGGCCTCTGGTCTGCTATGGGGTGCCTGGTGTCCAGGTTATGAAGCCCTGAAGGGTCAAAGG  
AGATCAGTGGATTTGAAGGTGACACCGTGTCCCTGCGGTGTACCTACGTGGAGAAGATGAAGGAGCACAG  
GAAGTATTGGTGCCGGCAGGGTGGCATCCTGGTGTACGCTGCGGTGACATTGTCTACGCAAATCAGGAC  
CAGGAGGTGACTCGAGGCAGGATGTCCATCCGAGACAGTCCCAAGAGCTCTCGATGACCGTGATCATGA  
GGGACCTTACCCTGAAGGATTCAGGAAGTACTGGTGTGGGATTGACAGACTGGGCCGCGATGAGTCTTT  
TGAGGTTACACTCATTGTCTTTCCAGGGAGCTCCCGTCCAGTCTGCTGGCTGCCCTTACCACGCCACAG  
GACTCCAGGGCTGTAGCCAGCAGTGTCTCCAAGCCAGTGTGCCATCCCGATGGTCCGATGATGGCCC  
CAGTCTGATACTCTTGTCCCTGCTGTTGGTGCAGGACTAATTGCCTTTGGCAGCCACATGCTCCGGTG  
GAGAAAGAAAGCTTGGCTGGCCACAGAGACACAGAAGAACGAGAAGGTCTACCTTGAAACCTCGTGCCA  
GGGAACGGCTGGACCACTGAAGACTCGACGATAGACCTTGCACTGACTCCTGAATGTCTCAGAAACCTCA  
ACCTTTCTGCTGTGCCCTCTCTGAGACACAGAACCTCAGTCACTACAGAGGAGGAAGAGGCAGCTCG  
TTCCCTGGACGACGACAAGGAGGACGTGATGGCACCCCTCCCTTGCAGATGTCTGCGGAGGAACCTGGCC  
TTCTCTGAGTTCATCTCTGT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027987  
**Insert Size:** 864 bp



<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_027987.3</a> , <a href="#">NP_082263.2</a>
<b>RefSeq Size:</b>	2348 bp
<b>RefSeq ORF:</b>	864 bp
<b>Locus ID:</b>	52685
<b>UniProt ID:</b>	<a href="#">Q1ERP8</a>
<b>Cytogenetics:</b>	11 65.48 cM
<b>Gene Summary:</b>	Receptor which may mediate L-selectin-dependent lymphocyte rollings. Binds SELL in a calcium dependent manner. Binds lymphocyte.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks an exon and a segment in the CDS, as compared to variant 1. The reading frame is not affected and the resulting isoform (4) lacks an internal segment, as compared to isoform 1.