

Product datasheet for MC209907

Cd300lg (NM_001160713) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd300lg (NM_001160713) 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: >MC209907 representing NM_001160713
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGCCTCTGGTCTGCTATGGGGTGCCTGGTGTCCAGGTTATGAAGCCCTGAAGGTCCTCAAAGG
 AGATCAGTGGATTTGAAGGTGACACCGTGTCCCTGCGGTGTACCTACGTGGAGAAGATGAAGGAGCACAG
 GAAGTATTGGTGCCGGCAGGGTGGCATCCTGGTGTACGCTGCGGTGACATTGTCTACGCAAATCAGGAC
 CAGGAGGTGACTCGAGGCAGGATGTCCATCCGAGACAGTCCCAAGAGCTCTCGATGACCGTGATCATGA
 GGGACCTTACCCTGAAGGATTACAGGAAGTACTGGTGTGGGATTGACAGACTGGGCCGCGATGAGTCTTT
 TGAGGTTACACTCATTGTCTTTCCAGCTTCTCCTGGTCTCACCCGACAGTCGTCACGGCCAAACAGGGC
 AAGACAGGGGTCAAAGCCCTGTATTACCGAGGTGGCCCCAGCCTGGTCTACAGGAACTTCCCAGGTCC
 CCCCAGGAATCTCTCCATATGCTGGGAGCTCTCCTCACACAGCGACCCAGCCGATCTGCAGGAACCTC
 CCAGGTTCCCCAGGAATCTCTCCATATGCTGGGAGGTCTCCTCACACAGCGACCTCTCCTCATGCAGGG
 AGCTCCCGTCCAGTCGTCTGGCTGCCCTTACCACGCCACAGGACTCCAGGGTGTAGCCAGCAGTGTCT
 CCAAGCCAGTGTGCCATCCCGATGGTCCGCATGATGGCCCCAGTCTGATACTTTGCTCCCTGTGT
 GGCTGCAGGACTAATTGCCTTTGGCAGCCACATGCTCCGGTGGAGAAAGAAAGCTTGGCTGGCCACAGAG
 ACACAGAAGAACGAGAAGGTCTACCTTGAACCTCGCTGCCAGGGAACGGCTGGACCACTGAAGACTCGA
 CGATAGACCTTGCACTGACTCCTGAATGTCTCAGAAACCTCAACCCTTCTGCTGTGCCCTCTCCTGAGAC
 ACAGAACCTCAGTCAGTCTACAGAGGAGGAAGAGGCAGCTCGTCCCTGGACGACGACAAGGAGGACGTG
 ATGGCACCCCTCCCTTGCAAGTGTCTGCGGAGGAAGTGGCTTCTCTGAGTTTCTCTGTG**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001160713



[View online »](#)

Insert Size:	1116 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001160713.1, NP_001154185.1</u>
RefSeq Size:	2600 bp
RefSeq ORF:	1116 bp
Locus ID:	52685
UniProt ID:	<u>Q1ERP8</u>
Cytogenetics:	11 65.48 cM
Gene Summary:	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 (2) lacks an in-frame coding exon, as compared to variant 1. The resulting isoform (2) lacks an internal segment, as compared to isoform 1.