

Product datasheet for **SC100150**

CLM 9 (CD300LG) (NM_145273) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CLM 9 (CD300LG) (NM_145273) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CLM 9 |
| Synonyms: | CLM-9; CLM9; NEPMUCIN; TREM-4; TREM4 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_145273, the custom clone sequence may differ by one or more nucleotides |

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ATGCGGCTTCTGGTCTGCTATGGGGTTGCCTGCTGCTCCCAGGTTATGAAGCCCTGGAGGGCCAGAGG
AAATCAGCGGGTTCGAAGGGGACACTGTGTCCCTGCAGTGCACCTACAGGGAAGAGCTGAGGGACCACCG
GAAGTACTGGTGCAGGAAGGGTGGGATCCTCTTCTCTCGTGCTCTGGCACCATCTATGCAGAAGAAGAA
GGCCAGGAGACAATGAAGGGCAGGGTGTCCATCCGTGACAGCCGCCAGGAGCTCTCGCTCATTGTGACCC
TGTGGAACCTCACCTGCAAGACGCTGGGGAGTACTGGTGTGGGGTCGAAAAACGGGGCCCCGATGAGTC
TTTACTGATCTCTGTTCGTCTTCCAGGACCCTGCTGTCTCCCTCCCCTTCTCCACCTTCCAGCCT
CTGGCTACAACACGCCTGCAGCCAAGGCAAAAGCTCAGCAAACCCAGCCCCAGGATTGACTTCTCCTG
GGCTCTACCCGGCAGCCACCACAGCCAAGCAGGGGAAGACAGGGGCTGAGGCCCTCCATTGCCAGGGAC
TTCCCAGTACGGGCACGAAAGGACTTCTCAGTACACAGGAACCTCTCCTCACCCAGCGACCTCTCCTCCT
GCAGGGAGCTCCC GCCCCCCCATGCAGCTGGACTCCACCTCAGCAGAGGACACCAGTCCAGCTCTCAGCA
GTGGCAGCTCTAAGCCCAGGGTGTCCATCCCGATGGTCCGCATACTGGCCCCAGTCTGGTGTCTGAG
CCTTCTGTGAGCCGAGGCTGATCGCCTTCTGCAGCCACCTGCTCCTGTGGAGAAAGGAAGCTCAACAG
GCCACGGAGACACAGAGGAACGAGAAGTCTGCCTCTCACGCTTGACTGCGGAGGAAAAGGAAGCCCTT
CCCAGGCCCTGAGGGGGACGTGATCTCGATGCCTCCCCTCCACACATCTGAGGAGGAGCTGGGCTTCTC
GAAGTTTGCTCAGCGTAG
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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_145273 unedited</p> <pre>TCCCCCGCCCTTGCCGCAAAGGGCGGTAGGCGGTACGGTGGGAGGTCTATATAAGCAG AGCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAAT TCGGCACCAGCTCCCACGGTGTCCAGCGCCAGAATGCGGCTTCTGGTCTGTATGGGG TTGCTGTCTCCCAGTTATGAAGCCCTGGAGGGCCAGAGGAAATCAGCGGGTTCGA AGGGGACACTGTGTCCCTGCAGTGCACCTACAGGAAGAGCTGAGGGACCACCGGAAGTA CTGGTGCAGGAAGGGTGGGATCCTTCTCTCGTGTCTGGCACCATCTATGCAGAAGA AGAAGGCCAGGAGACAATGAAGGGCAGGGTGTCCATCCGTGACAGCCGCCAGGAGCTCTC GCTCATTGTGACCCTGTGGAACCTCACCTGCAAGACGCTGGGGAGTACTGGTGTGGGGT CGAAAAACGGGGCCCGATGAGTCTTTACTGATCTCTCTGTTCTTTCCAGGACCCTG CTGTCTCCCTCCCTTCTCCACCTTCCAGCCTCTGGCTACAACACGCCTGCAGCCAA GGCAAAGCTCAGCAAACCCAGCCCCAGGATTGAGGAGCTCCCGCCCCCATGCAGCT GGACTCCACCTCAGCAGAGGACACCAGTCCAGCTCTCAGCAGTGGCAGCTAAGCCAG GGTGTCCATCCCAGTGGTCCGCATACTGGCCCCAGTCTGGTGTCTGAGCCTTCTGTC AGCCGCAGGCCTGATCGCCTTCTGCAGCCACCTGCTCCCTGTGAGAAAGGAAGCTCAACA NGCCACGNGAGACACANGAGAACCGAGNAAGTTCTGCCTCTCACGCTTTGACTGCGGAGA AAAGGAAGCCCTTCCNAGCCCTGAGGGGGACNTGATCTCC</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_145273 unedited</p> <pre>GTACATTATGNACGCGGCCGAATCTATGATCGGTTTTTTTTTTTTTTTTTTGGGATATG CAGCTGATGAACATTTTATTTATAAAAAGGTCTGTAACACAGAGAAGTCTGGAATAA AGTGATGGAACGATAAAGGTGAAAAGGCAGGATACAAAGTTGTATATAACAAGATAATTGC TCTGTA AAAAGAACACCGCAAATTATGTGAAGAAGAAAAGAGTGAAGGAAGTACAACA AAACGAAATAATGATAGTCTCTGGTGAAGTATGGGTGACATTTTTTTCTCCTTTTCTT TTTCTCCTCCATTTTCAAGTTTTGCATACTGAACAACCTTAATTTCACTTTTAAAG GAAATAGGGCCAGACACAGTGGCTCATGCCTGTAATCCCGGCAATTTGGGAGACTGAAGC AGGAGGCTCATTTGAGGTGAGGTTCAAGACCAGCCTGGCCAACATGGTGAAACCCAT CTCTACTAAAAGTACAAAAATTAGCCAGGTGTGGTGGTGCCTGTAATCCCAGCTAC TCGGGAGGGCTGAGCAGAAGAATCACTTGAACCCAGGATGCGGAGTTTGCAGATCGTGCC ACTGCACTCCAGCCTGGGCAGCAGCAGAGATTCTGTCTTAAAAACAATAATTATGGGAA AAGAAAAAAAATAGAGTTGTGCTACTTTACCACCACCCCGAACCCCTTCTCCAGGGGGC TGGACTCCGAGTCACTTTCAGGATTCGGCCCGTTCCCACTCTCCTTGGGGTAGAAACTAC TGCCCCNCGGGTTCTACTTTCTCTAGCCCCGAACCCATAGGCAGTAACCCCTTCCC GACAAGAAGGAGGCAAGTTTTTCCACTAATTTTCC</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_145273 |
| Insert Size: | 2750 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). |

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| 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: | NM_145273.2 , NP_660316.1 |
| RefSeq Size: | 2771 bp |
| RefSeq ORF: | 999 bp |
| Locus ID: | 146894 |
| UniProt ID: | Q6UXG3 |
| Cytogenetics: | 17q21.31 |
| Domains: | ig, IG |
| Protein Families: | Druggable Genome, Transmembrane |
| Gene Summary: | <p>Members of the CD300 (see MIM 606786)-like (CD300L) family, such as CD300LG, are widely expressed on hematopoietic cells. All CD300L proteins are type I cell surface glycoproteins that contain a single immunoglobulin (Ig) V-like domain (Takatsu et al., 2006 [PubMed 16876123]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |