

Product datasheet for **SC111457**

CD99L2 (NM_031462) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CD99L2 (NM_031462) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CD99L2 |
| Synonyms: | CD99B; MIC2L1 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC111457 sequence for NM_031462 edited (data generated by NextGen Sequencing) |

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ATGGTGGCCTGGCGCTCGCGTTCCTTGCTGCCTCGCTTCTCCTTGGCCACCCTGGTC
CAGCGAGGATCTGGGACTTTGATGATTTTAACCTGGAGGATGCAGTGAAGAAACTTCC
TCAGTAAAGCAGCCATGGGACCACACCACCACCACACAACCAATAGGCCAGGAACCACC
AGAGCTCCGGCAAAACCTCCAGGTAGTGGATTGGACTTGGCTGATGCTTTGGATGATCAA
GATGATGGCCGCAGGAAACCGGTATAGGAGGAAGAGAGAGATGGAACCATGTAACCACC
ACGACCAAGAGGCCAGTAACCACCAGAGCTCCAGCAAATACTTTAGGAAATGATTTTGAC
TTGGCTGATGCCCTGGATGATCGAAATGATCGAGATGATGGCCGCAGGAAACCAATTGCT
GGAGGAGGAGGTTTTTCAGACAAGGATCTTGAAGACATAGTAGGGGTGGAGAATACAAA
CCTGACAAGGGTAAAGGTGATGGCCGGTACGGCAGCAATGACACCCTGGATCTGGCATG
GTGGCAGAGCCTGGCACCATTGCCGGGGTGGCCAGCGCCCTGGCCATGGCCCTCATCGGT
GCCGTCTCCAGCTACATCTCCTACCAGCAGAAGAAGTTCTGCTTCAGCATTCAAGAGGGT
CTCAACGCAGACTACGTGAAGGGGAGAGAACCTGGAAGCCGTGGTATGTGAGGAACCCCAA
GTGAAATACTCCAGTTGCACACGCAGTCTGCAGAGCCGCGCCGCCCGCAACAGCC
CGGATCTGA
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Clone variation with respect to NM_031462.3



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_031462 unedited GTAAACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCGCGCCGACCTCCATCTT CCCGGGGCCGCGCCGCGCGCGCGCGGGCTTTGGGCGGGACCCTGCAGAGGGCGGGGG CTCCTCTCCCGCTCCTCCTCGGCTCCCTTCGGGCGCTCTCGCGCTAACTGTGCTCCT CCGGGGCCCTCCGCTGCTCCAGCCATGGTGGCTGGCGCTCGGCTTCCTTGCTGCC TCGCTTTCCTTGCCACCCTGGTCCAGCGAGGATCTGGGACTTTGATGATTTAACC TGGAGGATGCAGTGAAAGAAACTTCCTCAGTAAAGCAGCCATGGGACCACACCACCA CCAACAACCAATAGGCCAGGAACCACAGAGCTCCGGCAAAACCTCCAGGTAGTGATTGG ACTTGGCTGATGCTTTGGATGATCAAGATGATGGCCGAGGAAACCGGTATAGGAGGAA GAGAGAGATGGAACCATGTAACCACCACGACCAAGAGGCCAGTAACCACCAGAGCTCCAG CAAATACTTTAAGAAATGATTTTGACTTGGCTGATGCCCTGGATGATCGAAATGATCGAG ATGATGGCCGAGGAAACCAATTGCTGGAGGAGGAGGTTTTTCAGACAAGGATCTTGAAG ACATAGTANGGGTGGAGAATACAAACCTGACAAGGTAAGGTGATGGCCGGTACGGCA GCAATGACACCCTGGATCTGGCATGGTGGCAGAGCCTGGCACCCATGCCGGGTGGNCA GCGCCCTGGCCATGGCCCTCATNAGTGCCGTCTCCAGCTACATCTNCTACAGCAGAAAGA GTTCTGCTTACGATTCAGCGGGTCTAACGCAGACTACGTGAAGGNAGAAACCCTGNA GCCGNGTATGTGAAGAACCCCAAGTGAATN</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_031462 unedited AACGATGAAGGCTTNTAATCCAAGGCTGCACTAGNCAGTTTACAGCTCACACCTGGGCA CAAGCAGGTTTTAGATGTACAGGGAATTCTGGAATTTGAGATCAGTCCCCATTTCTTC CTCAGGGCCCTGGCACTGAACCCAGCCCTGTCCAGAGCTCCCTCTGGGTCCCACC CCAGAAGCCACGCACACCTCCTTCGCCCAGCTTATCTTTCTTGAGCTGTGACTTCAC CCAGCATGTGCTCAGAGTTGTTACAAATTTCTCTGCCAAATTAAGCTGACAGAGATTGG CCACTTCAACCAAGTCTTTTCACTCCACTGTGTCTCCCCTCTCGCTTGGGACAGGCCAT GCTGGCCAGTGAACCTTCAGATAGACACATGGTGACCAGAGCCCGCCAGGCTTCTGCAG GTGGCAGTGTGAGCAAGTGAAGATGTCTGTGGGAAGGAGAAGCTCCTGAAATGAACGT TCTGCAAACAGAAAGGCTGAGGGTCTTCCAGGCATGTCCAGTCACTAGGAGCTGCCACCG GTGGGCTTGAGTGCCAGGCTTAGGCTTTGTGCAGAAAGCACCCGGGCGGNGGGCGGTA AGGGAGAGCAAAATGGGTCTCTCTCAACCTGCAGTCAGTGCTCCTGGGAACACGGTCTCA CAGACAGCACATATTCTACGTACAGCTTAGGGTTTCAAGGACTTAGCCATCCGACAGG CCTCACCATAAAGGTAAGTGGACAACCCCTGAGGTCACGCTGTCCAGGTGGCGACAGGC CACGCATGCCATAATNCTTCATAGCCACCTCCGGCCAGCACCAGCCAGAAGGTGGGGGC CATCGGGTCTCGACATACTTGGTCATCAGGAGGGACAAGCCTGCAAAGTTCACAATCTGG CCATGAGTGTGGGAGGCTGCGAACAGCCATCCT</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_031462 |
| Insert Size: | 4000 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: | <u>NM_031462.2, NP_113650.2</u> |
| RefSeq Size: | 3635 bp |
| RefSeq ORF: | 789 bp |
| Locus ID: | 83692 |
| UniProt ID: | <u>Q8TCZ2</u> |
| Cytogenetics: | Xq28 |
| Protein Families: | Transmembrane |
| Gene Summary: | <p>This gene encodes a cell-surface protein that is similar to CD99. A similar protein in mouse functions as an adhesion molecule during leukocyte extravasation. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (1) lacks an in-frame exon in the 3' region, compared to variant 5. The resulting isoform (1, also referred to as E3'-E4'-E3-E4) lacks an internal segment, compared to isoform 5.</p> |