

Product datasheet for **RG207079**

CD99L2 (NM_031462) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD99L2 (NM_031462) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CD99L2
Synonyms: CD99B; MIC2L1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG207079 representing NM_031462
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGCCTGGCGCTCGGCGTTCCTTGCTGCCTCGCTTTCTCCTTGGCCACCCTGGTCCAGCGAGGAT
CTGGGGACTTTGATGATTTTAACCTGGAGGATGCAGTGAAAGAACTTCCTCAGTAAAGCAGCCATGGGA
CCACACCACCACCACAACCAATAGGCCAGGAACCACCAGAGCTCCGGCAAACCTCCAGGTAGTGGG
TTGGACTTGGCTGATGCTTTGGATGATCAAGATGATGGCCGAGGAAACCGGTATAGGAGGAAGAGAGA
GATGGAACCATGTAACCACCACGACCAAGAGGCCAGTAACCACCAGAGCTCCAGCAAATACTTTAGGAAA
TGATTTTGACTTGGCTGATGCCCTGGATGATCGAAATGATCGAGATGATGGCCGAGGAAACCAATTGCT
GGAGGAGGAGTTTTTTCAGACAAGGATCTTGAAGACATAGTAGGGGTGGAGAATACAAACCTGACAAGG
GTAAGGTGATGGCCGCTACGGCAGCAATGACGACCCTGGATCTGGCATGGTGGCAGAGCCTGGCACCAT
TGCCGGGGTGGCCAGCGCCCTGGCCATGGCCCTCATCGGTGCCGTCTCCAGCTACATCTCTACCAGCAG
AAGAAGTTCTGCTTCAGCATTACGAGGGTCTCAACGCAGACTACGTGAAGGGAGAGAACCTGGAAGCCG
TGGTATGTGAGGAACCCCAAGTAAATACTCCACGTTGCACACGCAGTCTGCAGAGCCGCCGCCGCCGC
CGAACCCAGCCCGGATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG207079 representing NM_031462
 Red=Cloning site Green=Tags(s)

MVAWRSAFLVCLAFSLATLVQRGSGDFDDFNLEDAVKETSSVKQPWDHTTTTTNRPGTTRAPAKPPGSG
 LDLADALDDQDDGRRKPGIGGRERWNHVTTTTKRPVTTTRAPANTLGNDFDLADALDRDRDDGRRKPIA
 GGGGFSDKDLEDIVGGGEYKPKDKGKGDGRYGSNDDPGSGMVAEPGTIAGVASALAMALIGAVSSYISYQQ
 KKFCFSIQQLNADYVKGENLEAVVCEEPQVKYSTLHTQSAEPPPPPEPARI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_031462

ORF Size: 786 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_031462.4](#)

RefSeq Size: 3635 bp

RefSeq ORF: 789 bp

Locus ID: 83692

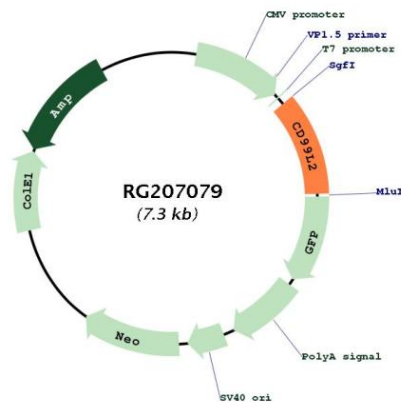
UniProt ID: [Q8TCZ2](#)

Cytogenetics: Xq28

Protein Families: Transmembrane

Gene Summary: 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]

Product images:



Circular map for RG207079