

Product datasheet for **RG233608**

CD99L2 (NM_001242614) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD99L2 (NM_001242614) 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: >RG233608 representing NM_001242614
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGCCTGGCGCTCGGCGTTCCTTGCTGCCTCGCTTTCCTTGGCCACCCTGGTCCAGCGAGGAT
 CTGGGGACTTTGATGATTTTAACTGGAGGATGCAGTAAAAGAACTTCCTCAGTAAAGCAGCCATGGGA
 CCACACCACCACCACAACCAATAGGCCAGGAACCACCAGAGCTCCGGCAAACCTCCAGGGCCACT
 GAAGGTAGTGGATTGGACTTGGCTGATGCTTTGGATGATCAAGATGATGGCCGAGGAAACCGGGTATAG
 GAGGAAGAGAGAGATGGAACCATGTAACCACCAGCAAGAGGCCAGTAACCACCAGAGCTCCAGCAAA
 TACTTTAGGAAATGATTTTGACTTGGCTGATGCCCTGGATGATCGAAATGATCGAGATGATGGCCGAGG
 AAACCAATTGCTGGAGGAGGAGGTTTTTCAGACAAGGATCTTGAAGACATAGTAGGGGTGGAGAATACA
 AACCTGACAAGGGTAAAGGTGATGGCCGGTACGGCAGCAATGACGACCCTGGATCTGGCATGGTGGCAGA
 GCCTGGCACCAATTGCCGGGTGGCCAGCGCCCTGGCCATGGCCCTCATCGGTGCCGTCTCCAGCTACATC
 TCCTACCAGCAGAAGAAGTTCTGCTTCAAGATTGAGTGCAGCAGCAGGTCAAGAGGGTCTCAACGCAG
 ACTACGTGAAGGGAGAGAACCTGGAAGCCGTGGTATGTGAGGAACCCCAAGTAAATACTCCACGTTGCA
 CACGCAGTCTGCAGAGCCGCCCGCCGCCCGAACCAGCCCGGATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233608 representing NM_001242614
 Red=Cloning site Green=Tags(s)

MVAWRSAFLVCLAFSLATLVQRGSGDFDDFNLEDAVKETSSVKQPWDHTTTTTNRPGTTRAPAKPPGPT
 EGSGLDLADALDDQDDGRRKPGIGGRERWNHVTTTTKRPVTRAPANTLGNDFDLADALDDRDRDDGRR
 KPIAGGGGFSDKDLEDIVGGGEYKPKDKGKGDGRYGSNDDPGSGMVAEPGTIAGVASALAMALIGAVSSYI
 SYQKKKFCFSIQHAAAGQEGLNADYVKGENLEAVVCEEPQVKYSTLHTQSAEPPPPPEPARI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_001242614

ORF Size: 816 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_001242614.1](#), [NP_001229543.1](#)

RefSeq Size: 3754 bp

RefSeq ORF: 819 bp

Locus ID: 83692

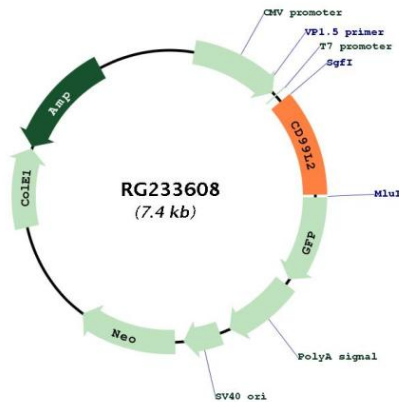
UniProt ID: [Q8TCZ2](#)

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 RG233608