

Product datasheet for RG229656

CD99L2 (NM_001184808) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

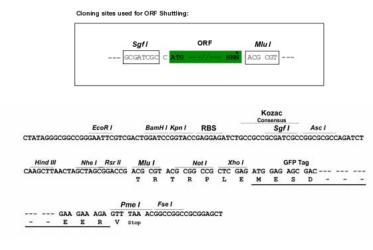
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Product Type:	Expression Plasmids
Product Name:	CD99L2 (NM_001184808) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD99L2
Synonyms:	CD99B; MIC2L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>RG229656 representing NM_001184808 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGTGGCCTGGCGCTCGGCGTTCCTTGTCTGCCTCGCTTTCTCCTTGGCCACCCTGGTCCAGCGAGGAT CTGGGGACTTTGATGATTTTAACCTGGAGGATGCAGTGAAAGAAA
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	<pre>>RG229656 representing NM_001184808 Red=Cloning site Green=Tags(s)</pre>
	MVAWRSAFLVCLAFSLATLVQRGSGDFDDFNLEDAVKETSSVKQPWDHTTTTTNRPGTTRAPAKPPGSG LDLADALDDQDDGRRKPGIGGRGDGRYGSNDDPGSGMVAEPGTIAGVASALAMALIGAVSSYISYQQKKF CFSIQQGLNADYVKGENLEAVVCEEPQVKYSTLHTQSAEPPPPPEPARI
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

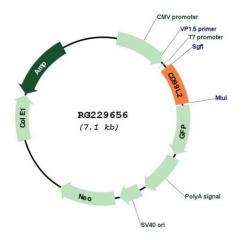


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Cloning Scheme:



Plasmid Map:



ACCN:	NM_001184808
ORF Size:	567 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. <u>More info</u>
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).

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Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001184808.1, NP 001171737.1</u>
RefSeq Size:	3517 bp
RefSeq ORF:	570 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]

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