

Product datasheet for MG215950

Romo1 (NM_001164217) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

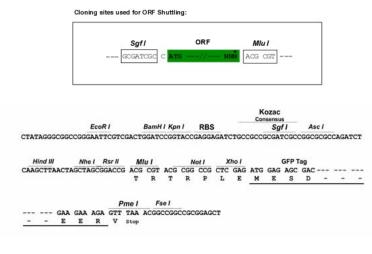
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	Romo1 (NM_001164217) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Romo1
Synonyms:	2010100012Rik; AI853864
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG215950 representing NM_001164217 <mark>Red=</mark> Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGCCGGTGGCCGTGGGTCCCTACGGGCAGTCCCAGCCCAGCTGCTTCGACCGCGTGAAGATGGGCTTCG TCATGGGTTGCGCAGTGGGTATGGCGGCCGGGGGCGCTGTTCGGCACCTTCTCCTGTCTCAGGATCGGAAT GCGGGGTCGGGAGCTAATGGGCGGCATTGGGAAAACCATGATGCAGAGTGGCGGCACGTTTGGCACTTTC ATGGCCATTGGAATGGGCATACGATGC
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>MG215950 representing NM_001164217 Red=Cloning site Green=Tags(s)
	MPVAVGPYGQSQPSCFDRVKMGFVMGCAVGMAAGALFGTFSCLRIGMRGRELMGGIGKTMMQSGGTFGTF MAIGMGIRC
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

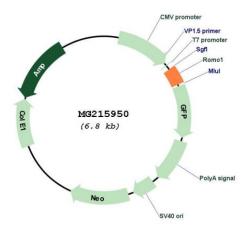


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Cloning Scheme:



Plasmid Map:



ACCN:	NM_001164217
ORF Size:	237 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 throu

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>

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Service Romo1 (NM_001164217) Mouse Tagged ORF Clone – MG215950		
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:	 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 001164217.2</u> , <u>NP 001157689.1</u>	
RefSeq Size:	483 bp	
RefSeq ORF:	240 bp	
Locus ID:	67067	
UniProt ID:	<u>P60603</u>	
Cytogenetics:	2 H1	
Gene Summary:	Has antibacterial activity against a variety of bacteria including S.aureus, P.aeruginosa and M.tuberculosis. Acts by inducing bacterial membrane breakage (By similarity). [UniProtKB/Swiss-Prot Function]	

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