

Product datasheet for MR201796

Ramp2 (NM_019444) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

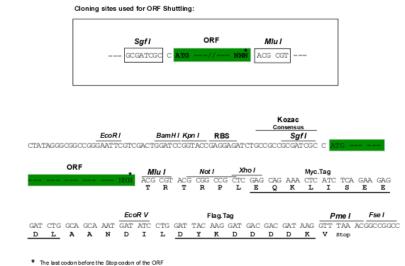
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Product Type:	Expression Plasmids
Product Name:	Ramp2 (NM_019444) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ramp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR201796 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGGCCCCGCTCCGGGTAGAGCGCGCCACGGGTGGATCTCGGCTTGGTGTGACCCGCGCCCAGCGGCCGA CAGCGTTGTGCCTCCCTCCGCTGTTGCTGCTGCTGCTGCTGC
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>MR201796 protein sequence <mark>Red</mark> =Cloning site Green=Tags(s)
	MAPLRVERATGGSRLGVTRAQRPTALCLPPLLLLLLLLGAVSASPESLNQSLPESQNQSHPTEDSLVSK GKMEDYETHVLPCWYEYKSCMDSVKDWCNWTLISRHYSDLQNCLEYNADKFGLGFPNPLAENIILEAHLI HFANCSLVQPTFSDPPEDVLLAMIIAPICLIPFLVTLVVWRSKDSDAQA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	Sgfl-Mlul



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Cloning Scheme:

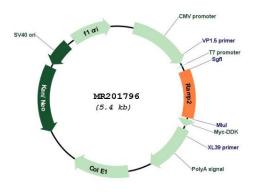


ACCN:	NM_019444
ORF Size:	570 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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).
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.

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	Ramp2 (NM_019444) Mouse Tagged ORF Clone – MR201796
RefSeq:	<u>NM 019444.1, NM 019444.2, NP 062317.1</u>
RefSeq Size:	872 bp
RefSeq ORF:	570 bp
Locus ID:	54409
UniProt ID:	<u>Q9WUP0</u>
Cytogenetics:	11 64.47 cM
MW:	21 kDa
Gene Summary:	Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma membrane. Acts as a receptor for adrenomedullin (AM) together with CALCRL. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201796

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