

Product datasheet for MC207508

Ramp2 (NM_019444) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ramp2 (NM_019444) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ramp2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207508 representing NM_019444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCCGCTCCGGGTAGAGCGCGCCACGGGTGGATCTCGGCTTGGTGTGACCCGCGCCAGCGGCCGA
 CAGCGTTGTGCCTCCCTCCGCTGTTGCTGCTGCTGCTGCTGCTGGGCGCTGTCTCAGCCTCTCCGGA
 GTCCCTGAACCAATCTCTCCGGAGTCCCAGAATCAATCTCATCCCACTGAGGACAGCCTTGTGTCAAAA
 GGGAAGATGGAAGACTACGAAACACATGTCCTACCTTGCTGGTATGAGTACAAGAGTTGCATGGACTCTG
 TCAAGGACTGGTCAACTGGACTTTGATTAGCAGGCATTACAGCGACCTGCAGAACTGCTTGGAAATACAA
 TGCAAGACAAGTTTGGGCTGGGCTTCCCAAATCCCTTGGCAGAAAACATCATCCTTGAGGCTCACCTGATA
 CACTTTGCGAACTGCTCCCTGGTGCAGCCACCTTCTCTGATCCCCCAGAGGATGTGCTCCTGGCCATGA
 TCATAGCCCCCATCTGCCTCATCCCGTTCTTGTTACTCTTGTGGTGTGGAGGAGTAAAGACAGCGATGC
 CCAGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2082_e05.zip
Restriction Sites: SgfI-MluI
ACCN: NM_019444
Insert Size: 570 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC069992 , AAH69992
RefSeq Size:	872 bp
RefSeq ORF:	570 bp
Locus ID:	54409
UniProt ID:	Q9WUP0
Cytogenetics:	11 64.47 cM
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]