

Product datasheet for **MC202180**

Ramp3 (NM_019511) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ramp3 (NM_019511) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ramp3
Synonyms: AI850306
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024765 sequence for NM_019511
 CGCTGTTGCTGCAAGCCGCTGCATCTTAGTTGGCCATGAAGACCCAGCACAGCGGCTGCACCTTCTTC
 CACTGTTGTTGCTGCTTTGTGGTGAGTGTGCCAGGTATGCGGCTGCAACGAGACAGGGATGCTGGAGAG
 GCTGCCTCGCTGTGGAAAGCCTTCGCTGACATGATGCAGAAGGTGGCTGTCTGGAAGTGGTGAACCTG
 TCGGAGTTCATCGTGTATTATGAAAGCTTCACTAACTGCACCGAGATGGAGACCAACATCATGGGCTGCT
 ACTGGCCCAACCCGCTGGCCAGAGCTTCATCACTGGAATCCACAGGCAGTTCTTTTCCAACCTGCACGGT
 GGACAGGACCCACTGGGAAGACCCCGGATGAAGTACTCATCCCACTGATCGCGGTTCTGTGCTGCTG
 ACTGTGGCTATGGCTGGCCTGGTGGTGTGGCGCAGCAAGCACACTGATCGGCTGCTGTGAGGATCTGCTG
 GATGGAGGGCCATGCCTGGCAGGCTGGGAGAATGTTGCTCAGAGCTCTGAGAGCTGGCAGACTCGGCTTC
 TGTCTGGTTTGTCTTGGCCACACCCTACCTGGCCATGCCAAAGTCTCTGACCAGGCTGGTGTGGCCCT
 TGCTGTCTAGCCTGCCGCTGCTGGGGTTCAGATTGTCCATACTTTGCTCTTTCTTGGGCTAGTGAAGA
 AAGTGACAAATCCAAGTTTGTGGACCAGGCATGGAAATCAACTGTTGCTGAGCCCCGCTCCCAGGCTC
 GGTTCCTAGTTTCTAGCCGTTTCTTGGCAGAGTCTTGCTCAGCCTGAACCCCGCCAGGCTCTGACCC
 ATTTTTAGTCTGACCCTGACCCCTGCTACACTTGGCCAGAGAGGGCAGGCAAGGTCAATTTGGAAGATGT
 GGACGCCCCCGCCTTTGTTCAAGAGACTGAGCACATCATTTATCAGACATGAAGGATAGCCTGGGGTC
 ATTAGGAGCCACGTGTGACCTACTGACCCACCTGCCTGTCTCTGTGATCTGTACGATTCTGTGTCC
 AGTGTGGGCTGGAGCTGTGGCTTGTGTTAGCCCTTCAAAGACACCTACCCTGCAGGTAGAGCGTGAACCTC
 CTTCTTGAGGGGTATTCTGGGAGTGGGGCGCACTGAGTGTGCTCAAGGGTCTGTCTGTGATGTCAGT
 TCTTTTGGATTAAGTGTCTCTTACACGTGAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_019511
Insert Size: 444 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.
RefSeq:	BC024765 , AAH24765
RefSeq Size:	1244 bp
RefSeq ORF:	444 bp
Locus ID:	56089
UniProt ID:	Q9WUP1
Cytogenetics:	11 4.61 cM
Gene Summary:	Plays a role in cardioprotection by reducing cardiac hypertrophy and perivascular fibrosis in a GPER1-dependent manner. 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]