

## Product datasheet for **RR204436**

### Ramp1 (NM\_031645) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Ramp1 (NM\_031645) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Ramp1  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >RR204436 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCCGGCCTGCGGGGCTCCCGCGGCGCGGCTCTGGCTGCTGCTGGCTCATCATCTTTCATGG  
TCACTGCCTGCCGGGACCTGACTATGGTACTCTCATCCAGGAGCTGTGTCTCAGCCGCTCAAAGAGGA  
CATGGAGACCATAGGGAAGACTGTGGTGTGACTGGGAAAGACCATAGGGAGCTATGGGGAGCTCACT  
CACTGCACCAAACCTCGTGGCAAACAAGATTGGCTGTTTCTGGCCAATCCGGAAGTGACAAGTTCTTCA  
TTGCTGTCCACCACCGTACTTCAGCAAGTCCCAGTCTCGGGCAGGGCCCTGCGGACCCTCCCAACAG  
CATCCTCTGCCCTTTCATTGTGCTCCCCATTACGGTCACACTGCTCATGACTGCCCTGGTGGTCTGGAGG  
AGCAAGCGCACAGAGGGCATCGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204436 protein sequence  
Red=Cloning site Green=Tags(s)

MAPGLRGLPRRGLWLLL AHHLFMVTACRDPDYGTLIQELCLSRFKEDMETIGKTLWCDWGKTIGSYGELT  
HCTKLVANKIGCFWPNPEVDKFFIAVHHRFYSKCPVSGRALRDPNSILCPFIVLPITVTLMLTALVVWR  
SKRTEGIV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI





**Reconstitution Method:**

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:** [NM\\_031645.1](#), [NP\\_113833.1](#)

**RefSeq Size:** 810 bp

**RefSeq ORF:** 447 bp

**Locus ID:** 58965

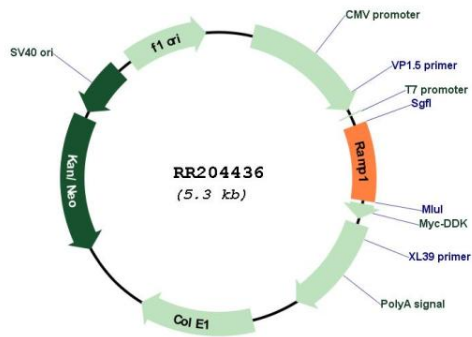
**UniProt ID:** [Q9JJ74](#)

**Cytogenetics:** 9q36

**MW:** 16.8 kDa

**Gene Summary:** transports calcitonin receptor-like receptor (Calcr) to the cell membrane and determine its glycosylation state and ligand specificity as a functional calcitonin gene-related peptide (CGRP) receptor [RGD, Feb 2006]

**Product images:**



Circular map for RR204436