

## Product datasheet for MR201661

### Rap2c (BC064814) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rap2c (BC064814) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rap2c  
**Synonyms:** 2010200P20Rik; AI194294; AL022976  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201661 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGGGAATACAAGGTAGTGGTGTAGGGAGCGGAGGGGTTGGCAAATCTGCCCTACCGTGCAGTTTG  
 TCACCGGGACTTTTCATTGAGAAATATGACCCACCATTGAAGATTTCTACCGCAAAGAGATCGAAGTGGA  
 CTCTTCCCGTCAGTACTGGAAATCCTGGACACCGCAGGAACCGAGCAGTTTGCCTCCATGAGAGATCTG  
 TACATCAAGAACGGCAAGGTTTCATCCTGGTGTATAGTTTGGTTAATCAACAGTCTTTTCAGGATATCA  
 AGCCAATGAGAGATCAGATTGTGAGAGTGAAGAGATACGAGAAAGTCCCACTCATCTAGTGGGAAACAA  
 AGTGGATCTGGAACCAGAGAGAGAGGTTATGTCTTCCGAAGGCAGAGCTCTGGCTCAAGAATGGGGCTGT  
 CCTTTCATGAAAACGTCAGCAAAAAGTAAATCAATGGTGGATGAACTTTTGTGAGATCGTCAGGCAAA  
 TGAAGTATTCATCCCTGCCCGAGAAGCAAGATCAGTGTGTACAACCTGTGTTGTCCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201661 protein sequence  
 Red=Cloning site Green=Tags(s)

MREYKVVVLGSGGVGKSALTVQFVTGTFIEKYDPTIEDFYRKEIEVDSSPSVLEILDTAGTEQFASMRDL  
 YIKNGQGFILVYSLVNQSFQDIKPMRDQIVRVKRYEKVPLILVGNKVDLEPEREVMSSSEGRALAQEWGC  
 PFMETSAKSKSMVDELFAEIVRQMNYSLPEKQDQCCTTCVVQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:** Sgfl-MluI

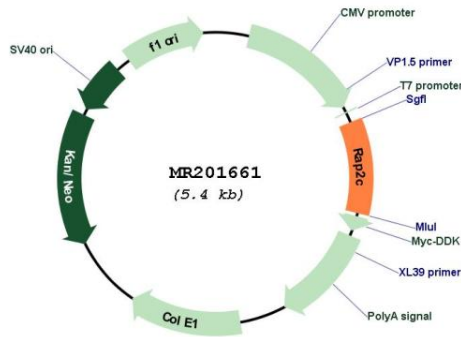




**Gene Summary:**

Small GTP-binding protein which cycles between a GDP-bound inactive and a GTP-bound active form. May play a role in cytoskeletal rearrangements and regulate cell spreading through activation of the effector TNIK. May play a role in SRE-mediated gene transcription. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201661