

Product datasheet for **MR201656**

Rap2c (BC027363) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rap2c (BC027363) 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: >MR201656 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGGAATACAAGGTAGTGGTGTAGGGAGCGGAGGGGTTGGCAAATCTGCCCTACCGTGCAGTTTG
 TCACCGGGACTTTCATTGAGAAATATGACCCACCATTGAAGATTTCTACCGCAAAGAGATCGAAGTGGA
 CTCTTCCCGTCAGTACTGGAAATCCTGGACACCGCAGGAACCGAGCAGTTTGCCTCCATGAGAGATCTG
 TACATCAAGAACGGCCAAGGTTTCATCCTGGTGTATAATTTGGTTAATCAACAGTCTTTTCAGGATATCA
 AGCCAATGAGAGATCAGATTGTGAGAGTGAAGAGATACGAGAAAGTCCCACTCATCTAGTGGGAAACAA
 AGTGGATCTGGAACCAGAGAGAGAGGTTATGTCTTCCGAAGGCAGAGCTCTGGCTCAAGAATGGGGCTGT
 CCTTTCATGAAAACGTCAGCAAAAAGTAAATCAATGGTGGATGAACTTTTGTGAGATCGTCAGGCAAA
 TGAACTATTCATCCCTGCCCGAGAAGCAAGATCAGTGTGTACAACCTGTGTTGTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201656 protein sequence
 Red=Cloning site Green=Tags(s)

MREYKVVVLGSGGVGKSALTVQFVTGTFIEKYDPTIEDFYRKEIEVDSSPSVLEILDTAGTEQFASMRDL
 YIKNGQGFILVYNLVNQSFQDIKPMRDQIVRVKRYEKVPLILVGNKVDLEPEREVMSSSEGRALAQEWGC
 PFMETSAKSKSMVDELFAEIVRQMNYSLPEKQDQCCTTCVVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

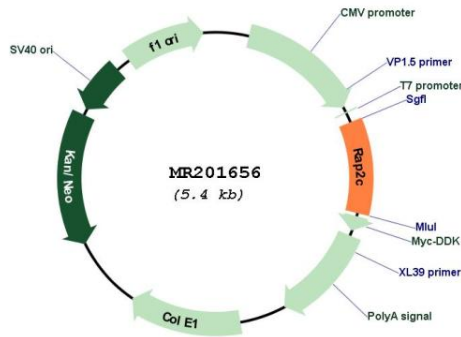


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Gene Summary:

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 MR201656