

Product datasheet for **MG201656**

Rap2c (BC027363) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rap2c (BC027363) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Rap2c
Synonyms: 2010200P20Rik; AI194294; AL022976
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201656 representing BC027363
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGGAATACAAGGTAGTGGTGTAGGGAGCGGAGGGGTTGGCAAATCTGCCCTACCGTGCAGTTTG
 TCACCGGGACTTTCATTGAGAAATATGACCCACCATTGAAGATTTCTACCGCAAAGAGATCGAAGTGA
 CTCTTCCCGTCAGTACTGGAAATCCTGGACCCGAGGAACCGAGCAGTTTGCCTCCATGAGAGATCTG
 TACATCAAGAACGGCCAAGGTTTCATCCTGGTGTATAATTTGGTTAATCAACAGTCTTTTCAGGATATCA
 AGCCAATGAGAGATCAGATTGTGAGAGTGAAGAGATACGAGAAAGTCCCACTCATCCTAGTGGGAAACAA
 AGTGGATCTGGAACCAGAGAGAGAGGTTATGTCTTCCGAAGGCAGAGCTCTGGCTCAAGAATGGGGCTGT
 CCTTTCATGGAACGTCAGCAAAAAGTAAATCAATGGTGGATGAACTTTTGTGCTGAGATCGTCAGGCAAA
 TGAACTATTCATCCCTGCCCGAGAAGCAAGATCAGTGTGTACAACCTGTGTTGTCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201656 representing BC027363
 Red=Cloning site Green=Tags(s)

MREYKVVVLGSGGVGKSALTVQFVTGTFIEKYDPTIEDFYRKEIEVDSSPSVLEILDAGTEQFASMRDL
 YIKNGQGFILVYNLVNQQSFQDIKPMRDQIVRVKRYEKVPLILVGNKVDLEPEREVMSSSEGRALAEQWGC
 PFMETSAKSKSMVDELFAEIVRQMNYSSLPEKQDQCCTTCVVQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

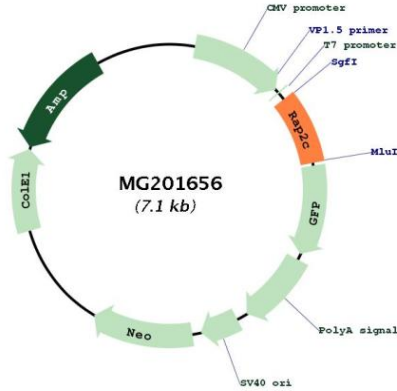


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Gene Summary:

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 MG201656