OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC207714

Rap2c (NM_172413) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rap2c (NM_172413) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rap2c
Synonyms:	2010200P20Rik; AI194294; AL022976
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207714 representing NM_172413 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGGGAATACAAGGTAGTGGTGTTAGGGAGCGGAGGGGTTGGCAAATCTGCCCTCACCGTGCAGTTTG TCACCGGGACTTTCATTGAGAAATATGACCCCACCATTGAAGATTTCTACCGCAAAGAGATCGAAGTGGA CTCTTCCCCGTCAGTACTGGAAATCCTGGACACCGCAGGAACCGAGCAGTTTGCCTCCATGAGAGATCTG TACATCAAGAACGGCCAAGGTTTCATCCTGGTGTATAGTTTGGTTAATCAACAGTCTTTTCAGGATATCA AGCCAATGAGAGATCAGATTGTGAGAGTGAAGAGATACGAGAAAGTCCCACTCATCCTAGTGGGAAACAA AGTGGATCTGGAACCAGAGAGAGAGGTTATGTCTTCCGAAGGCAGAGCTCTGGCTCAAGAATGGGGCTGT CCTTTCATGGAAACGTCAGCAAAAAGTAAATCAATGGTGGATGAACTTTTTGCTGAGATCGTCAGGCAAA TGAACTATTCATCCCTGCCCGAGAAGCAAGATCAGTGTTGTACAACTTGTGTTGTCCAGTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_172413
Insert Size:	552 bp
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).

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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:	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_172413.2, NP_766001.1
RefSeq Size:	3562 bp
RefSeq ORF:	552 bp
Locus ID:	72065
UniProt ID:	Q8BU31
Cytogenetics:	X A5
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]

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