

Product datasheet for **MC215984**

Rundc3a (NM_016759) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rundc3a (NM_016759) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rundc3a
Synonyms:	Rap2ip; RPIP-8; Rpip8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215984 representing NM_016759
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCGAGCTTTGTCCAGACCACCATGGCTCTGGGGTGCCTCCAAGAAAGCATCTTCCCGCAACG
 TGATCGTGGAGCGCAGGAACCTGATCACCGTGTGCAAGTTCTCTGTGAAAACCCTGCTAGAGAAGTACAC
 AGCAGAACCATTGATGACTCTTCCGAGGAGTTTGTAAATTTTCGAGCCATTTTAGAGCAGATCCTCAGC
 CACCGATTTAAAGCTTGTGCCCCAGCAGGGCCAGCGAGCTGGTTCAGCTCAGATGGACAACGGGGCTTCT
 GGGACTACATCCGGCTGGCCTGCAGCAAAGTGCCCAACAAGTGTGTGAGCAGCATTGAGAACATGGAGAA
 CATCAGCACAGCTAGAGCCAAGGGCCGGGCTGGATCCGGGTGGCCCTGATGGAGAAGCGTATGTCGGAA
 TACATCACCACAGCTCTCGGGACAACCGAACTACCAGACGGTCTATGACTCCGGAGCCATCATGCTGC
 GGGAGGAAGCCACTGTCTCACTGGGATGCTGATCGGGCTCAGCGCCATCGACTTCAGCTTCTGTCTAAA
 GGGCGAAGTTCTGGATGGGAAGACACCGGTGGTTCATCGATTACACACCCTACCTAAAATTCACCCAAAGC
 TACGACTACCTGACGGATGAGGAGGAGAGGCACAGTGCCGAGAGCAGCACCAGCGAGGACAACCTACCAG
 AGCACCCCTACCTGCCTCTCGTCAACCGATGAAGACAGTTGGTACAACAAGTGGCACAAGATGGAACAGAA
 GTTTTCGATTGTCTACGCACAGAAGGGATACCTGGAGGAGCTGGTGCAGGCTGCAGGAGTCCGAGCTGAAG
 GACTTGGAGGGCGGAGAACCAGGGCTGCAGCTGCAGCTGGAGGAGGCCGCGGCACAAAATCAGCGTGAGA
 AGCGGGAGCTGGAAGGCGTGATCCTGGAGCTGCAGGAGCAGCTGACAGGTCTGATCCCCGGTGACCATGC
 CCCCTGGCCAGGGTCCAAGGAGTCAACACATCCCTAGTCAACCAGTGGCCCTCCCTGAGCACACTT
 CATAGGCCCGAGGGTCCAGCAACTCCAAGCTATATCGGAGACACAGTTCATGAGCACGGAGCCGCTGT
 CTGCAGAGGCCAGCTGAGCTCAGACTCCAGCGCTGGGAGAGGCCAAGAGGGACGAGGAACCCCTGGGG
 CCCATCGGGAAGGACCCACGCCCTCCATGCTGGGCCTCTGCGGCTCCCTGGCCTCCATCCCCAGCTGC
 AAGTCCCTGGCAAGCTTCAAATCCAACGAATGCCTGGTGAAGCAGCCCTGAGGGCAGCCCGGGCTCA
 GCCCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_016759
- Insert Size:** 1341 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).
- 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_016759.4](#), [NP_058039.1](#)

RefSeq Size: 2430 bp

RefSeq ORF: 1341 bp

Locus ID: 51799

UniProt ID: [O08576](#)

Cytogenetics: 11 D

Gene Summary: May act as an effector of RAP2A in neuronal cells.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).