

Product datasheet for **RN202159**

Rundc3a (NM_198758) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rundc3a (NM_198758) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rundc3a
Synonyms:	GCRP; Rap2ip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202159 representing NM_198758
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCGAGCTTTGTCCAGACCACCATGGCTCTGGGGTGCCTCCAAGAAAGCATCTTCCCGCAACG
 TGATCGTGGAGCGCAGGAACCTGATCACCGTGTGCAGTTCTCTGTGAAAACCTTGCTAGAGAAGTACAC
 AGCAGAACCACATCGATGATTCATCCGAGGAGTTTGTAACTTCGCAGCCATTTTAGAGCAGATCCTCAGC
 CACCGATTTAAAGCTTGTGCCCCAGCAGGTCCAGTGAGCTGGTTCAGCTCAGATGGGCAACGGGGCTTCT
 GGGACTATATCCGGCTGGCTGCAGCAAAGTGCCCAACAACCTGCGTAAGCAGCATCGAGAACATGGAGAA
 CATCAGCACAGCTCGAGCCAAGGGCCGGGCGTGGATCCGGGTGGCTCTGATGGAGAAGCGTATGTCAGAA
 TACATCACTACAGCTCTCGGGACAACCGAACTACCAGACGGTTCATGACTCCGGAGCCATCATGCTGC
 GAGAGGAAGCCACTGTCCTCACAGGGATGCTGATCGGACTCAGCGCTATCGACTTCAGCTTCTGTCTAAA
 GGGCGAAGTTCTGGACGGGAAGACGCCGGTGGTCATCGATTACACACCCTACCTAAAATTCACCCAAAGC
 TACGACTACCTGACGGATGAGGAGGAGAGGCACAGTGCAGAGAGCAGCACCGAGGACAACCTACCAG
 AACACCCCTACCTGCCCTCGTCAACCGATGAAGACAGTTGGTACAACAAATGGCACAAGATGGAACAGAA
 GTTTTCGATTGTCTACGCTCAGAAGGGATACCTGGAGGAGCTGGTGCCTCTGCGGGAGTCGCAGCTGAAG
 GACCTGGAGGGCGGAGAACCAGCGGCTGCAGCTGCAGCTGGAGGAGGCAGCGGCACAAAATCAGCGTGAGA
 AGCGGGAGCTGGAAGGAGTATCCTGGAGCTGCAGGAGCAGCTGCCTGATCCCCCTCCCCCTCCCAGGAC
 AGGTCTGATCCCCGTGACCATGCCCCCTGGCCAGGGTTCCAAGGAGCTCACCACAGCCCTGGTCAAC
 CAGTGGCCCTCCCTGAGCACACTCAGTAGACCCGGAGGGTGCCAGCAACTCCAAGCTATTTTCGGAGACACA
 GCTTCATGAGTACGGAGCCCCTGTCTGCAGAGGCCAGCCTGAGCTCAGACTCCAGCGCCTGGGTGAGGG
 CAAGAGGGACGAGGAACCTGGGGCCCCATCGGGAAGGACCCACGCCCTCCATGCTGGGCTCTGCGGC
 TCCTGGCCTCCATCCCCAGCTGCAAGTCCCTGGCGAGCTTCAAATCCAACGAATGCCTGGTGGAGCGACA
 GCCCTGAGGGCAGCCAGCACTCAGCCCCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_198758
- Insert Size:** 1365 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_198758.2](#), [NP_942053.2](#)
RefSeq Size: 2080 bp
RefSeq ORF: 1365 bp
Locus ID: 303569
Cytogenetics: 10q32.1
Gene Summary: a regulatory protein which binds to guanylate cyclase GC-A and potentiates its activation by atrial natriuretic factor and ATP [RGD, Feb 2006]