

Product datasheet for MC227564

Rundc3a (NM_001252347) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rundc3a (NM_001252347) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rundc3a
Synonyms:	Rap2ip; RPIP-8; Rpip8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227564 representing NM_001252347 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGCGAGCTTTGTCCAGACCACCATGGCTCTGGGGCTGCCCTCCAAGAAAGCATCTTCCCGCAACG
TGATCGTGGAGCGCAGGAACCTGATCACCGTGTGACAGTTCTCTGTGAAAACCTGCTAGAGAAGTACAC
AGCAGAACCATTGATGACTCTCCGAGGAGTTTGTAAATTCGCAGCCATTTTAGAGCAGATCCTCAGC
CACCGATTTAAAGCTTGTGCCCCAGCAGGGCCAGCGAGCTGGTTACGCTCAGATGGACAACGGGGCTTCT
GGGACTACATCCGGCTGGCTGCAGCAAAGTGCCCAACAACACTGTGTGAGCAGCATTGAGAACATGGAGAA
CATCAGCACAGCTAGAGCCAAGGGCCGGGCGTGGATCCGGGTGGCCCTGATGGAGAAGCGTATGTCGGAA
TACATCACACAGCTCTTCGGGACAACCGAACTACCAGACGGTTCATGACTCCGGAGCCATCATGCTGC
GGGAGGAAGCCACTGTCTCACTGGGATGCTGATCGGGCTCAGCGCCATCGACTTCAGCTTCTGTCTAAA
GGGCGAAGTTCTGGATGGGAAGACACCGGTGGTCATCGATTACACACCCTACCTAAAATTCACCCAAAGC
TACGACTACCTGACGGATGAGGAGGAGAGGCACAGTGCCGAGAGCAGCACCAGCGAGGACAACCTACCAG
AGCACCCCTACCTGCCTCTCGTACCGATGAAGACAGTTGGTACAACAAGTGGCACAAGATGGAACAGAA
GTTTCGATTGTCTACGCACAGAAGGGATACCTGGAGGAGCTGGTGGCGCTGCGCGAGTCGCAGCTGAAG
GACTTGGAGGCGGAGAACC GGCGCTGCAGCTGCAGCTGGAGGAGGCCGCGGCACAAAATCAGCGTGAGA
AGCGGGAGCTGGAAGCGTGATCCTGGAGCTGCAGGAGCAGCTGCCTGATCCCCCTCCCCCTCCCAGGAC
AGGTCTGATCCCCGGTGACCATGCCCCCTGGCCAGGGTTCCAAGGAGCTCACCACATCCCTAGTCAAC
CAGTGGCCCTCCCTGAGCACACTTCATAGGCCGAGGGTGCCAGCAACTCCAAGCTATATCGGAGACACA
GCTTCATGAGCACGGAGCCGCTGTCTGCAGAGGCCAGCCTGAGCTCAGACTCCAGCGCCTGGGAGAGGC
CAAGAGGGACGAGGAACCCTGGGGCCCCATCGGAAGCTCAGAACCAAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001252347
Insert Size:	1242 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001252347.1</u> , <u>NP_001239276.1</u>
RefSeq Size:	3046 bp
RefSeq ORF:	1242 bp
Locus ID:	51799
UniProt ID:	<u>O08576</u>
Cytogenetics:	11 D
Gene Summary:	May act as an effector of RAP2A in neuronal cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has an alternate splice site in the 3' region, compared to variant 1. The resulting isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.