

Product datasheet for **MR220710**

Rundc3a (NM_016759) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR220710 representing NM_016759
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGCGAGCTTTGTCCAGACCACCATGGCTCTGGGGCTGCCCTCCAAGAAAGCATCTTCCCACAACG
 TGATCGTGAGCGCAGGAACCTGATCACCGTGTGCAGTTCTCTGTGAAAACCCTGCTAGAGAAGTACAC
 AGCAGAACCATTGATGACTCTTCCGAGGAGTTTGTAAATTTTCGAGCCATTTTAGAGCAGATCCTCAGC
 CACCGATTTAAAGCTTGTGCCCCAGCAGGGCCAGCGAGCTGGTTCAGCTCAGATGGACAACGGGGCTTCT
 GGGACTACATCCGGCTGGCCTGCAGCAAAGTGCCCAACAAGTGTGTGAGCAGCATTGAGAACATGGAGAA
 CATCAGCACAGCTAGAGCCAAGGGCCGGGCGTGGATCCGGGTGGCCCTGATGGAGAAGCGTATGTCGGAA
 TACATCACCACAGCTCTCGGGACAACCGAACTACCAGACGGTCTATGACTCCGGAGCCATCATGCTGC
 GGGAGGAAGCCACTGTCTCACTGGGATGCTGATCGGGCTCAGCGCCATCGACTTCAGCTTCTGTCTAAA
 GGGCGAAGTTCTGGATGGGAAGACACCGGTGGTATCGATTACACACCCTACCTAAAATTCACCCAAAGC
 TACGACTACCTGACGGATGAGGAGGAGAGGCACAGTGCCGAGAGCAGCACCAGCGAGGACAACCTACCAG
 AGCACCCCTACCTGCCTCTCGTCAACCGATGAAGACAGTTGGTACAACAAGTGGCAACAAGTGAACAGAA
 GTTTTCGATTGTCTACGCACAGAAGGGATACCTGGAGGAGCTGGTGCAGGCTGCAGGAGTCCGAGCTGAAG
 GACTTGGAGGCGGAGAACCAGCGGCTGCAGCTGCAGCTGGAGGAGGCCGCGGCACAAAATCAGCGTGAGA
 AGCGGGAGCTGGAAGCGGTGATCCTGGAGCTGCAGGAGCAGCTGACAGGTCTGATCCCCGGTGACCATGC
 CCCCTGGCCAGGGTCCAAGGAGTCAACACATCCCTAGTCAACCAGTGGCCCTCCCTGAGCACACTT
 CATAGGCCCGAGGGTCCAGCAACTCCAAGCTATATCGGAGACACAGTTCATGAGCACGGAGCCGCTGT
 CTCAGAGGCCAGCCTGAGCTCAGACTCCAGCGCCTGGGAGAGGCCAAGAGGGACGAGGAACCCCTGGGG
 CCCCATCGGGAAGGACCCACGCCCTCCATGCTGGGCCTCTGCGGCTCCCTGGCCTCCATCCCCAGCTGC
 AAGTCCCTGGCAAGCTTCAAATCCAACGAATGCCTGGTGAAGCAGCCCTGAGGGCAGCCCGGCGCTCA
 GCCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220710 representing NM_016759
 Red=Cloning site Green=Tags(s)

MEASFVQTTMALGLPSKASSRNVIVERRNLITVCRFSVKTLLEKYTAEPIDDSSEEFVNFAAILEQILS
 HRFKACAPAGPASWFSSDQGRGFWDYIRLACSKVPNNVSSIENMENISTARAKGRAWIRVALMEKRMSE
 YITTALRDNRTTRRFYDSGAIMLREEATVLTGMLIGLSAIDFSFCLKGEVLDGKTPVVIDYTPYLKFTQS
 YDYL TDEEERHSAESSTSEDNSPEHPYLPVLTDEDSWYNKWHKMEQKFRIVYAQKGYLEELVRLRESQK
 DLEAENRRLLQLLEEAQAQREKRELEGVILELQEQLTGLIPGDHAPLAQGSKELTSLVNQWPSLSTL
 HRPEGASNSKLYRRHSFMSTEPLSAEASLSSDSQRLGEAKRDEEPWPIGKDPTPSMLGLCGSLASIPSC
 KSLASFKSNECLVSDSPEGSPALSPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_016759

ORF Size: 1338 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_016759.5](#)

RefSeq Size: 2043 bp

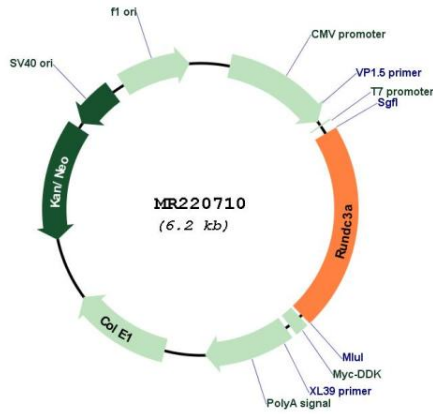
RefSeq ORF: 1341 bp

Locus ID: 51799

UniProt ID: [O08576](#)

Cytogenetics: 11 D
 MW: 50.5 kDa
 Gene Summary: May act as an effector of RAP2A in neuronal cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220710