

Product datasheet for **RN210202**

Rin3 (NM_001108052) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rin3 (NM_001108052) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rin3 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN210202 representing NM_001108052
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTGGTGTGCCGGACAGCAGCCTGAAGCGACTGGTGTATGTGTCCACTCCCTTCTCTGAAGA
 ACACCTCGACTGAAGTTCTGGAGTACCCCATCAAAGAAGAAAAGTCTATATTGTACTGGAAGGCTCGGT
 TCTTGTGTTTGGAGACATCTTCAGACTGATTGCGTTTCTACTGTGTCAGTAGAGACTTACTGCCCTTCACT
 CTGCGGCTGCCCAAGCCATCCTGAAGCTAGCAGCTTCTTGAACCTTGAGACCATCTCCAACCTGGGCC
 TGGGTTTCTGGGACTCCTCTTGAACCTTCAAGAGGCCCTGCAGAGCCACTCAGAAGCTCAGCCCTGG
 GACCCCTGCATCCTCCGGCCGGCTGCAACCCATTTAGCAAATTTGTTCTGTGAAATCGAGCTCTCGGTG
 GGAATGACCGTCTGTGGTTTGTGAATCCCATTTTCATAGAGGACTGCACCCTACCGGTGATCCACCTC
 CACTGCCATTGGCAGCTACCTACACGCCCTGCGCTGCCGCCCGGATGCTACCTCACTACCTCCAA
 GGGTCCCACGTCGTCGCCACCTCCACCCCGGTACCCACTGTTCTCTACTGGCCCTGCCTGGCT
 CCTGCGCCTCCTGTACAGCCTGTGATCCTTTGCCAACTCCCAACACCCAACCTCTCACCTTGACCCC
 ATGCACCGGGCCCCCTGGTCACTCAAACCAACCCCATGACTGCCTGCGAGAGTCTCCCACGTCCATC
 TGTAGGCTGGGCCCTTTGGAGAGGAAGAGATGAAGCCTGGGACAACTCCCAGCCCTTGACACAGGCC
 CCTCCCCCTCCGTACCTTTGAAGAAGACTCTTCCAGTGTCTCTCCAGGAGACGCATTTCTGAGAGGG
 TGTCTCTGAAAGCCAGAATGTGGGGACTTCGACAGACAGGGACCGCTCAGGCATTTCTAGGACAGCTTC
 ACTCAACCTTCTCCCCAGACACCGTAAGTAGCCTTGGGACAGGTCTCCAAGGACCACGGAGCAAAGCC
 CAGGACACAGAGGCCAAAGCCAGCCATGCTGACAGCACACCAGTGCCTCTGGGAAAGCCAAACAACCCC
 CAGTCCCACCCCTAGGAAGAAGCGGGTCTCCCGCAGCTGGCCCTCAACCTTTCCAGTCCCTTGACGAG
 CCCCATACCGGAGGTATCCCTGAGAAACCCGCGCGCCTGGTGACCTTGGGAAGGCTTGAGTCCCTGCC
 GGGCAAGCTGGAATGCAGCACCTCCAAGTCCAGACCAGCGCTGTCCCAAGCTCTCCAGAGTTCAAGG
 GTTCCCTGGCCTCACTTTCAGACAGCCTGGGGGTGCCTGCCTCAGCCGCTGACCAGGACTTACTCAAC
 CAGCAGTGCAGGAGGAAGAGCTGGAGTTCAGCAGCCCCAACGTGAAGAAGAAGCCCTCAATGATCCTGGAC
 AAGGCCGCCACCGCTCAGCTTGGCAGTTTACCAGCGTCTTCCATGCCTTCTCTCCAGCGACCGCA
 AGCTGTATAAGAAGGTGGTGGAGCTGGCACAGGACAAGGGCTCCTATTTGGGAGCTAGTGCAGGACTA
 CAAGGTGTACAGCTGGAGATGATGACCCGCCAGACATCCAGCACCGAGATGCTGCAGGAGATCCGCACC
 ATGATGACGCAGCTTAAGAGCTACTGTACAGAGCACCGAACTCAAAGCCTTGGTGAACCCACCTGC
 ACTCGGAGGAGGAACCTCGAGGCCATCGTGGAGTACGCTTGTACAAATGGCTCTTAAAGCCCTGAAGGA
 GGCCATCAACTCCAGCTTGTGGAGATCCACAGCCGGATGGCTCCCTGCAGCAACTCAAGGAGAACCAG
 CTGGTGTCTGGCCACCACCACCACCGACCTGGGCGTGACCACCACTGTGCCTGAAGTGGCTGTATGG
 AGAAGATCCTGCAGAAGCTGACCAACATGCACAAGGCCTACTCACCAGGGAAGAAAATCTCCATCTTGT
 GAAAACCTGCAAGCTTATCTATGACTCCATGGCTCTAGGCAACCCAGGGAAGCCCTACGGGGCCGACGAC
 TTCCTGCCTGTGCTCATGTACTGGCCCGCAGCAACCTCACTGAGATGCTCCTCAATGTGGAATACA
 TGATGGAGCTCATGGACCCTGCCCTGCAGTTAGGAGAGGGTTCCTACTATCTGACCACCCTATGGAGC
 CCTGGAGCACATTAAGAAGTATGACAAGATCACAGTGACCAGACAGCTGAGCGTGGAGTGCAGGACTCC
 ATCCATCGCTGGGAACGCAGGCGCAGCTCAACAAGGCCCGGCCCTCCCGCTCCTCTGTGACGACTTCA
 TCTGCGTGTCTACCTTACAGCCGAGCAGCAGTACGGACACTTGCATCACGGGCAGACAGTAGCCCA
 GGCACTGTGCGCACAGTGCCTGAGAAGTTTGGGTGGCCAGCCCAAGGACTATCGGCTCTTCTGTGCTG
 GTGGATGGGCGTGTCTCCAGCTGGCAGACGAGGCTCTGCCGACCGCATCAAGGGCTATCTGCTCCGGA
 GCGAGCCCAAGCGAGACTTCCACTTCGTGTACCGGCCAGGACAGCGGAGGGATGCCTCAAACCGACC
 CTATCTAGTGGTGGGGAGCCCAACTTCCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001108052

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| Insert Size: | 2694 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: | <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_001108052.1</u> , <u>NP_001101522.1</u> |
| RefSeq Size: | 3676 bp |
| RefSeq ORF: | 2694 bp |
| Locus ID: | 314397 |
| Cytogenetics: | 6q32 |