

Product datasheet for **RN210421**

Rin1 (NM_139038) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rin1 (NM_139038) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rin1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210421 representing NM_139038
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGCACGCCTGTGCCTTGGGGTTGGATTCTTCTCCTGAGTCCAGGAGAAGCTGAAGGAGCTCCAG
 CCATGGAAGACCTGGTGAGACCGAAGCACACCCTCTGGGAGCCACCAGCCTGAACCTTTGTACCTGGGTA
 CCAACAGGAAGAAAAGCCATCTCCAGACCCACTGTATGACACACCTGATGCCAGAGGGGTTCAAGCAGGC
 GGGTCCAAACAACCAGCACGCACAGTGAGCTTGCGGGAGCGGCTGCTGATCACCCGGCCTGTGTGGTTAC
 AGCTGCGGGCCAACGCTGCAGCCGCACTGCACGTGCTGAGGACAGAGCCTCCGGGACCTTCTGGTGCG
 GAAATCTAACACTCGCCAGTGCCAGACTCTATGTGTGCGGCTGCCAGAAGCTAGTGGCCCTCTTTTGT
 TCCAGCCACTATCTCAAGAGAGTCTGGCGGCATCTCTTTGGAGGGCTCAGAGCTCACATTCGGGACC
 TGGTCCAGCTCATCTGTGCACTGTGCATACCAGGGACATTCTTCTCCTCCCTCTCCCGCTCCCGAGGC
 CATTTCATCAGGCAGCCACCCACAAGAGCTGGAGGCCATCTCCCATCTGGGCATGGAGTTCTGGAGTTCC
 TCTCTCAACACCAAGAACCAACAGAGACCTTCAGAAGCTCCGCAGATACCCCGGCTGAAGGCTCGCTCCC
 CTCAAGAGCTGGATCAGGGCACTGGTGCAGCCCTCTGCTTCTCAACCCCTCTTCCCGGGGATCTGGG
 CCCACCAACAGTGAGAAATTAAGAGGAGTTTCAAAGTGCCTGTATCCAGAGACCTCCAGCCCTCTG
 TCTCCACCTGCTGTGCCGCTCTCCAGTCCCCGTTCTGCCAGGGACATCTTCCAGCCAAACGGAAGAC
 TGCCCCCTCGACAGCTGCTGCAGAGGGAGAGCTCAGTGGGATACCGTGTGCCAGGAAGTCTTCTGGTCC
 TAGTCTTCTCCCTACCTTCACTTCAGGAGGTGGACTGCTGCTCCCCAGCAGCTCAGAGGAGGAGGGT
 TCTTCAGGAAGCCCTACAACCTCCCCACGCCTAAGCCGCCAAGGCACCGGGCCCTCTGCTTCGGTCCA
 TGAGTTCTGCTTCTGCTCTGCTGGCACCAGAGAGGCAGGTGGCCGGGCAGCTACAATGCAATATGCA
 AAACCGATACACAGCTGTGGGTACAGTGTGACAGGACCTATTGACCCAGGTTTCGTGTTGGTCTGAGTCC
 CGGGAGTTGCAGGGCATCCGACAGGCCCTGAGTCCGGCACGGGCCATGCTGAGTGCAGAGCTGGGCCCTG
 AGAAACTGCTACCACCAGAGCGGCTGGAATTGGTCTGGAGAAATCCCTGCATCGCTCTGTTCTCAAGCC
 TCTTCGACCCATTCTAGCTGCCCGCTGCCGGCCGACTTTCCACAGACGGTTCCTTGGCCGCTAGCT
 GAGGGCTTCCGCCTGGCCCGGACCCAGGGGCTGGAGCCTTCCGGTCCCACCTGAACCTTCTTCCCGAG
 TGGAGATAGAACCAGTGCCTCAGAAGCTGCTGCAGCTCCTTCGTGCTACTCGCTAGTGCCAGATCAA
 GTGGCTCTGCAGCCTGCAAGTTGCTATACACAGCCCTGAAAACCCAGGCAGGGGAGAATGCAGGTGCT
 GATGAGTCTGCTCTCTTGTAGCCTTGTCTTGGCCAGTGCACCTTCTGACCTCCTGTAGAAAGCTG
 AGTATATGTGAGACTACTGGAACCCACATTGCTCACTGGGAGGGCGGCTACTACCTGACCAGCCTCTC
 AGCCAGCCTGGCCTTGTGAGTGGCCTAAGCCAGGCCACGCACTGCCACTCAGCCCTGCCAGGAGCTC
 CAACGTTCTCTGGCCCTCTGGGAACAGCGCCGCTGCCGGCCACCACAACCTTCCAGCACCTCTCCGAG
 TAGCCTACCAGGACCCAGCACAGGTTGCACCTCCAAGACCTTGCTGTGCCCGGGGCTTTCGATTGC
 CACCCTGAGTCAACTCTGTGCCACCAAGTTCAGTGCACCAACCGGATGCATTTGGCCTCTTCTCTAC
 AAGGACCAGGGCTACCATCGCTGCCCCCTGAAGCCCTAGTCCACAGGCTTCCACAACCTGGTTACCTCA
 TCTACCGCCGGGCAGAGCGCCCCGAGACCCAGAGGGCTGCAACAGAGAAGACCAAGACAGGAAATGAGAG
 GCCAGAGCGAGGAGCATGGGAGGAGGAGAAAGGGGTCTAAATGGTGAAGGGAAATCTGAGATAGCTGTT
 GACCAAGAAGGCAAGGATCAGGCCAGGAGGTCACATGCAGCTAGAGGAACAAAAGGCAGAGGGATGCC
 CGGCTTTAGAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139038
Insert Size: 2397 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:	NM_139038.1 , NP_620607.1
RefSeq Size:	2548 bp
RefSeq ORF:	2397 bp
Locus ID:	207119
UniProt ID:	P97680
Cytogenetics:	1q43
Gene Summary:	may act as a regulator of Ras-mediated signal transduction [RGD, Feb 2006]