

Product datasheet for RN208200

Adar (NM_031006) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adar (NM_031006) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adar
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208200 representing NM_031006 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTCAGGGGTTCCAGGGGACCCACAGGGGTGTTCCCTCACCAGACACAGCCCTGCTTGGACCCTAGCT
ATGAGCACAGCAAGTGGAGATACCTGCAGCCACGTGGGTCGGAGTCTTACCTTAGGAGTTCCAGCTCCA
GCAGATAGAGTTTCTCAAAGGGCGGCTCCAGAAGCACCCCTTGATTGGAGCACAGACCCAGTCACTACCG
CCATTCTCCAGGACACTGGCCAAGGTTCCAGGGCCACCTGCCAAGGAAAACAACCGGAAATCTGGG
GGTTTCCAGGAGTGTGACTCTCAGAAATCAGGGGTTCCATATAGGACCCCACTTCTCTCCACACAG
CAGGGGTCGCGCATGGAGAGGTGCTGAAGGTCTTTGCTCACACTTCCAGGAGCTGAGCATCAGTCAGAAT
CCAGAGCAGAAGGTCTAAACCGCCTGGAAGAGCTTGGTGAGGGGAAGGCCACCACTGCCTACGCGCTAG
CCAGAGAGCTCAGGACCCCAAAAAGGACATCAATCGTATATTGTAATCCTTAGAAAGGAAGGGAAAAT
GCATAGAGGAGTGGGGAAGCCTCTTTGTGGAGCCTTGTGCCCTTAAGTCAGGCTTGCACTCAGCCCCCT
AGAGCTGTGAATTCAGACAAGGAAGTCCCTCGAGGAGAGCCGATTTGGACAGTGAGGACGGAGACCCTG
CCTCTGACTTAGAAGGACCTTCTGAGCTTCTTGATATGGCTGAAATTAAGGAGAAAATCTGTGACTATCT
GTTCAATGTGTCAAAGTCTCTGCCCTGAACCTGGCTAAGAACATTGGCCTCGCCAAGGCCCGAGATGTG
AATGCAGTGTTGATTGACTTAGAAAGGCAAGGCGATGTCTACAGGGAAGGGGCCACTCTCCCATCTGGT
ACTTGACGGACAAGAAGCGTGAGAGGCTGCAGATGAAGAGAAGTACACACAGTGGTCTGACGCTACCCC
AGCAGCTGTCTCAGAAGCCACTCAAAGCACCTCATTCCCTACCTGCCACCCACCCCAATCAGGTGGCTCA
AGCAGCATGGCAACCTCCAAAAGAGTGGAAAACGGGCAGGAGCCTGTGACAAAAGTATGAAAGTAGGCAGC
AGGCCCGACCAGGACCACTACGACTGCGGCCTCATGCTTATCACAAACGGCCCTCTAGAGCAGGGTATGT
TGCCCTCTGAAAATGGCCCGTGGGCCACAGATGACATCCAGATAACTTGAATAGTATCCACACAGCACCA
GGTGAGTTTCGAGCCATCATGGAGATGCCCTCCTTCTACAGCCCTACCTTGCCACGGTTCACCCCTACA
AGAAGCTAACTGAGTGCCAGCTGAAGAACCCTGTGAGCGGGTTGTTAGAGTATGCTCAGTTCACTAGTCA
GACCTGTGATTTCAACCTGATAGAGCAGAGTGGACCGTCCATGAACCTCGATTTAAATTCAGGTTGTC
ATCAATGGTTCGAGAGTTTCCCCAGCTGAGGCTGGCAGCAAGAAAGTTGCTAAGCAGGACGCAGCAGTGA
AAGCCATGGCGATTCTGCTTCGGGAAGCCAAAGCCAAAGACAGTGGACAGCCAGAAGAATTGTCCAACCTG
TCCCATGGAGGAAGACCCAGAGAAGCCAGCAGAGTCCCAGCCCCCAGCTCCTCAGCAACATCCTTGTTCC



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TCTGGGAAGAGCCAGTTACTACTGCTTGAGTGTATGCACAAGCTAGGGAACCTCTGTGAATTCGTC
 TCCTGTCCAAAGAAGGCCTGCTCATGACCCCAAGTTCAGTACTGTGTGGCAGTAGGAGCCAGACTTT
 CCCCTCTGTGAGTGCCCCAGCAAGAAAGTAGCAAAGCAGATGGCCGCAGAGGAAGCCATGAAAGCTCTG
 CAAGAGGAGGCGGCAATTCCGCTGATGACCAGTCTGGAGGTGCGAACACAGACTCACTTGATGAATCTG
 TGGCTCCCAACAAGATCCGGAGGATCGGTGAGCTCGTAAGGTACCTGAACACCAACCCTGTGGGTGGCTT
 GTTGGAGTACGCCGCTCTCATGGCTTTGCTGCTGAGTTCAAGCTCATTGACCAGTCTGGACCTCCTCAT
 GAACCAAGTTTGTACCAAGCAAAAGTTGGGGCCGCTGGTTCCAGCCGTGTGTGCACACAGCAAGA
 AACAGGGCAAGCAAGACGCAGCGGATGCAGCCCTTCGTGTCTTGATCGGGGAGAGCGAGAAGGCAGAGCA
 GTTGGGTTTCGCAGAGGTAACCCAGTAACCGGGCCAGTCTCAGAAGAACTATGCTACTCCTTTCCAGG
 TCCCCAGATGCACATCCAAGACACTTCTCTACTGGTAGCACCTTCCACGACCAGATAGCTATGCTGA
 GCCACAGATGTTCAACGCTCTGACCAACAGTTTCCAGCCCTCCCTGCTCGGCCGCAAGATCCTGGTGC
 TATTATTATGAAGAGAGATCCTGAGGACATGGGTGTTGTTGTGTCAGTTTGGGGACTGGGAATCGTGTGTG
 AAAGGGGACTCTCTCAGCCTGAAAGGAGAGACTGTCAATGACTGCCATGCTGAAATCATCTCCGGAGAG
 GCTTCATCAGGTTTCTCTACAGTGAAGTACAACCACACTGCCAAGAACAGCATATTCGA
 GCTGGCCAGGGGAGGAGAAGCTCCAGATAAAAAAGACGTTTCTTTTACCTCTACATCAGCAGCGCA
 CCATGTGGAGATGGAGCCCACTTTGACAAATCCTGCAGTGACCCTGCTGTGGAAAGCACAGAGTCCCGCC
 ATTACCCTGTCTTTGAAAATCCCAAGCAAGGCAAGCTTCGCACCAAGGTGGAGAATGGGGAAAGGCACAAT
 TCCTGTGGAGTCCAGTGACATTGTACCCAGTGGGATGGCATCCGGCTTGGGGAAAGACTCCGTACCATG
 TCCTGTAGTGACAAAATCCTACGCTGGAATGTGCTAGGCCTGCAAGGGCGCTGTTGACACACTTCTAC
 AGCCTGTGACCTGAAATCTGTGACATTAGGTTACCTTTTTCAGCCAAGGGCATCTGACCCGTGCTATTTG
 CTGCCGTGTGACCAGAGATGGGAATGCATTTGAGGATGGACTACGTTATCCCTTTATTGTCAACCACCC
 AAGGTCGGCCGAGTCAGTGTGTATGATTTCAAAGGCAGTCCGGAAGACCAAGAGACAAGCGTCAACT
 GGTGCTTGGCTGATGGCTATGACCTGGAGATCCTGGATGGCACCAGGGGCACCGTGGATGGACCAGGGAA
 AGAGTTGTGCGGGTGTCTAAGAAGAATATTTTCTTTCAGTTTAAAGAAGCTCTGCTCCTTCCGAGCCCGC
 AGAGATTTGCTGCAGCTCTCCTATGGGGAGGCCAAGAAAGCTGCCCGTACTACGACTTAGCCAAGAACT
 ACTTCAAGAAAAGCCTGAGGGACATGGGCTATGGGAATTGGATCAGCAAACCCAGGAGGAAAAGAACTT
 TTATCTGTGCCAGTGCCCAATGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031006
- Insert Size:** 3528 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_031006.1](#), [NP_112268.1](#)

RefSeq Size: 3608 bp

RefSeq ORF: 3528 bp

Locus ID: 81635

UniProt ID: [P55266](#)

Cytogenetics: 2q34

Gene Summary: converts adenosine to inosine in double stranded RNA [RGD, Feb 2006]