

Product datasheet for **RC209073A1V**

Human RED1 (ADARB1) (NM_001112) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RED1 (ADARB1) (NM_001112) AAV Particle
Tag:	Myc-DDK
Symbol:	ADARB1
Synonyms:	ADAR2; DRABA2; DRADA2; NEDHYMS; RED1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC209073 representing NM_001112
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATATAGAAGATGAAGAAAACATGAGTTCAGCAGCACTGATGTGAAGGAAAACCGCAATCTGGACA
 ACGTGTCCCCAAGGATGGCAGCACACCTGGGCCTGGCGAGGGCTCTCAGCTCTCCAATGGGGTGGTGG
 TGGCCCCGGCAGAAAAGCGGCCCTGGAGGAGGGCAGCAATGGCCACTCCAAGTACCGCCTGAAGAAAAGG
 AGGAAAACACCGGGCCCGTCTCCCCAAGAACGCCCTGATGCAGCTGAATGAGATCAAGCCTGGTTTGC
 AGTACACACTCTGTCCAGACTGGGCCGTGCACGCGCTTTGTTTGTCTGTGTGGAGGTGAATGG
 CCAGGTTTTTGGGGCTCTGGTCCCACAAAGAAAAGGCAAACTCCATGCTGCTGAGAAGGCCCTTGAGG
 TCTTTCGTTTCAGTTTCTAATGCCTCTGAGGCCACCTGGCCATGGGAGGACCTGTCTGTCAACACGG
 ACTTCACATCTGACCGGCCGACTTCCCTGACACGCTCTTCAATGGTTTTGAACTCCTGACAAGCGGA
 GCCTCCCTTTTACGTGGGCTCCAATGGGGATGACTCCTTCAGTTCAGCGGGGACCTCAGCTTGTCTGCT
 TCCCCGGTGCCTGCCAGCCTAGCCAGCCTCCTCTCCCTGCCTTACCACATTCCACCCCGAGTGGGA
 AGAATCCCGTGATGATCTTGAACGAAGTGCGCCAGGACTCAAGTATGACTTCTCTCCGAGAGCGGGGA
 GAGCCATGCCAAGAGCTTCGTCATGTCTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG
 AAGAAGCTTGCCAAGGCCCGGCTGCGCAGTCTGCCCTGGCCGCCATTTTAACTTGCATTGGATCAGA
 CGCCATCTCGCCAGCCTATTCCAGTGAGGGTCTTCAGCTGCATTTACCGCAGGTTTTAGCTGACGCTGT
 CTCACGCTGGTCTGGGTAAGTTTGGTGACCTGACCGACAACCTCTCTCCCTCACGCTCGCAGAAAA
 GTGCTGGCTGGAGTCGTCATGACAACAGGCACAGATGTTAAAGATGCCAAGGTGATAAGTGTCTTACAG
 GAACAAAATGTATTAATGGTGAATACATGAGTGATCGTGGCCTTGCAATTAATGACTGCCATGCAGAAAT
 AATATCTCGGAGATCCTTGCTCAGATTTCTTTATACACAACCTTGAGCTTTACTTAAATAACAAAGATGAT
 CAAAAAAGATCCATCTTTCAGAAATCAGAGCGAGGGGGGTTTAGGCTGAAGGAGAATGTCCAGTTTCATC
 TGTACATCAGCACCTCTCCCTGTGGAGATGCCAGAATCTTCTACCACATGAGCCAATCCTGGAAGAACC
 AGCAGATAGACACCCAAATCGTAAAGCAAGAGGACAGCTACGGACCAAAATAGAGTCTGGTGAAGGGGACG
 ATTCCAGTGCGCTCCAATGCGAGCATCAAACGTGGGACGGGGTGTGCAAGGGGAGCGGCTGCTACCA
 TGTCTGCAGTGACAAGATTGCACGCTGGAACGTGGTGGGATCCAGGGATCCCTGCTCAGCATTTTCGT
 GGAGCCCATTTACTTCTCGAGCATCATCTGGGCAGCCTTACCACGGGGACACCTTTCCAGGGCCATG
 TACCAGCGGATCTCAACATAGAGGACCTGCCACCTCTCTACACCTCAACAAGCCTTTGCTCAGTGGCA
 TCAGCAATGCAGAAGCACGGCAGCCAGGGAAGGCCCCCACTTCAGTGTCAACTGGACGGTAGGCGACTC
 CGCTATTGAGGTCATCAACGCCACGACTGGGAAGGATGAGCTGGGCCGCGCTCCCGCCTGTGTAAAGCAC
 GCGTTGTACTGTGCTGGATGCGTGTGCACGGCAAGGTTCCCTCCCACTTACTACGCTCCAAGATTACCA
 AACCCAACGTGTACCATGAGTCCAAGCTGGCGGCAAGGAGTACCAGGCCGCAAGGCGCGTCTGTTTAC
 AGCCTTCATCAAGCGGGGCTGGGGCCTGGGTGGAGAAGCCACCGAGCAGGACCAGTTCTCACTCACG
 CCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209073 representing NM_001112 Red=Cloning site Green=Tags(s) MDIEDEENMSSSSTDVKENRNLDNVSPKDGSTPGPGEGSQLSNGGGGGPGRKRPLEEGSNHGHSKYRLKKR RKTTPGPVLPKNALMQLNEIKPGLQYTLLSQTGPVHAPLFVMSVEVNGQVFEGSGPTKKKAKLHAAEKALR SFVQFPNASEAHLAMGRTL SVNTDFTSDQADFPDTLFNGFETPDKAEPFVVGSGDDSFSSSGDLSLSA SPVPASLAQPPLPALPPFPSPGKNPVMILNELRPGLKYDFLSESGESHAKSFVMSVVVDGQFFEGSGRN KKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQLHLPQVLADAVSRLVLGKFGDLTDNFSSPHARRK VLAGVMTTGTDVDAKVISVSTGTCINGEYMSDRGLALNDCHAEIISRRSLLRFLYTQLELYLNKDD QKRSIFQKSERGGFRLKENVQFHLIYSTPCGDARIFSPHEPILEPADRHHPNRKARGQLRTKIESGEGT IPVRSNASIQTWGVLQGERLLTMSCDKIARWNVVGIQGSLLSIFVEPIYFSSIILGSLYHGDHL SRAM YQRISNIEDLPPLYTLNKPLLSGISNAEARQPGKAPNFSVNWTVGDSAIEVINATTGKDELGRASRLCKH ALYCRWMRVHGKVP SHLLRSKITKPNVYHESKLAKEYQAAKARLFTAFIKAGLGAWVEKPTEQDQFSLT P SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001112
ORF Size:	2103 bp
Buffer:	PBS with 0.001% Pluronic F6369
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001112.2</u>
RefSeq Size:	6881 bp
RefSeq ORF:	2106 bp
Locus ID:	104
UniProt ID:	<u>P78563</u>
Cytogenetics:	21q22.3
MW:	76.5 kDa