

Product datasheet for **RC209966A1V**

Human Retinoic Acid Receptor alpha (RARA) (NM_001024809) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Retinoic Acid Receptor alpha (RARA) (NM_001024809) AAV Particle
Tag:	Myc-DDK
Symbol:	Retinoic Acid Receptor alpha
Synonyms:	NR1B1; RAR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209966 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACGAGAGTGTAGAAGTGGGGGTCCCACCCCTAATCCCTTCTAGTGGTGGATTTTATAACCAGA
 ACCGGGCTGTTTGTCTCCAGAGAAGGGGCTCCCGCCCGGGTCCGTAATCCACCCCGCTCCGGACTCC
 GCTTTGGAATGGCTCAAACCACTCCATTGAGACCCAGAGCAGCAGTTCTGAAGAGATAGTGCCCGCCCT
 CCCTCGCCACCCCTCTACCCCGCATCTACAAGCCTTGTCTGTGTCAGGACAAGTCTCAGGCTACC
 ACTATGGGGTACGCGCTGTGAGGGTGAAGGGCTTCTCCGCCGAGCATCCAGAAGAATGGTGT
 CACGTGTACCCGGGACAAGAAGTGCATCATCAACAAGGTGACCCGGAACCGTCCAGTACTGCCGACTG
 CAGAAGTCTTTGAAGTGGCATGTCCAAGGAGTCTGTGAGAAACGACCGAAACAAGAAGAAGGAGG
 TGCCCAAGCCGAGTGTCTGAGAGCTACACGCTGACGCCGAGGTGGGGGAGCTATTGAGAAGGTGCC
 CAAAGCGCACCAGAAACCTTCCCTGCCCTCTGCCAGTGGGCAATACACTACGAACAACAGCTCAGAA
 CAACGTGTCTCTGGACATTGACCTCTGGGACAAGTTCAGTGAATCTCCACCAAGTGCATCATTAAAGA
 CTGTGGAGTTCGCCAAGCAGCTGCCCGGCTTACCACCCTCACCATCGCCGACCAGATCACCCCTCTCAA
 GGCTGCCTGCCTGGACATCCTGATCCTGCGGATCTGCACGCGGTACACGCCGAGCAGGACACCATGACC
 TTCTCGGACGGGTGACCCTGAACCGGACCCAGATGCACAACGCTGGCTTCGGCCCCCTCACCGACTGG
 TCTTTGCCTTCGCCAACCAGTGTCTGCCCTGGAGATGGATGATGCGGAGACGGGGTGTCTCAGCGCCAT
 CTGCCTCATCTGCGGAGACCGCCAGGACCTGGAGCAGCCGACCGGGTGGACATGCTGCAGGACCGCTG
 CTGGAGCGCTAAAGTCTACGTGCGGAAGCGGAGGCCAGCCGCCCCACATGTTCCCAAGATGCTAA
 TGAAGATTACTGACCTGCGAAGCATCAGCGCCAAGGGGGTGTGAGCGGGTATCAGCTGAAGATGGAGAT
 CCCGGGCTCCATGCCGCCTCTCATCCAGGAAATGTTGGAGAAGTCAAGAGGGCTGGACACTCTGAGCGGA
 CAGCCGGGGGTGGGGGCGGGACGGGGTGGCTGGCCCCCGCCAGGCAGCTGTAGCCCCAGCTCA
 GCCCAGCTCCAACAGAAGCAGCCCGGCCACCCACTCCCCG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209966 protein sequence
 Red=Cloning site Green=Tags(s)

MYESVEVGPTPNPFLVDFYNQNRACLLPEKGLPAPGPYSTPLRTPWNGSNHSIETQSSSSEEIVPSP
 PSPPPLPRIYKPCFVCQDKSSGYHYGVSAEGCKGFFRRSIQKNMYYTCHRDKNCIINKVTRNRQCRL
 QKCFEVGMSKESVRNDRNKKKKEVPKPECSESYLTPEVGELIEKVRKAHQETFPALCQLGKYTTNNSSE
 QRVSLDIDLWDFSELSTKCIIKTVEFAKQLPGFTTLTIADQITLLKAACLDILILRICTRYTPEQDQMT
 FSDGLTLNRTQMHNAGFGPLTDLVFAFANQLLPLEMDDAETGLLSAICLICGDRQDLEQPDVDMLQEPL
 LEALKVYVRKRRPSRPHMFPKMLMKITDLRSISAKGAERVITLKMEIPGSMPLIQEMLENSEGLDLSG
 QPGGGGRDGGGLAPPGSCSPSPSSNRSSPATHSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001024809

ORF Size:

1371 bp

Buffer:

PBS with 0.001% Pluronic F68

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_001024809.2</u>
RefSeq Size:	3494 bp
RefSeq ORF:	1374 bp
Locus ID:	5914
UniProt ID:	<u>P10276</u>
Cytogenetics:	17q21.2
MW:	50.7 kDa