

Product datasheet for **RC210311A1V**

Human Retinoid X Receptor alpha (RXRA) (NM_002957) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Retinoid X Receptor alpha (RXRA) (NM_002957) AAV Particle
Tag:	Myc-DDK
Symbol:	Retinoid X Receptor alpha
Synonyms:	NR2B1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210311 representing NM_002957
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACACCAACATTTCTGCCGCTCGATTTCTCCACCCAGGTGAACCTCCCTCACCTCCCCGACGG
 GGCGAGGCTCCATGGCTGCCCCCTCGCTGCACCCGTCCTGGGGCTGGCATCGGCTCCCGGGACAGCT
 GCATTCTCCCATCAGCACCTGAGCTCCCCATCAACGCATGGGCCCGCTTTCTCGGTATCAGCTCC
 CCCATGGGCCCCCACTCCATGTCGGTGCCACACACCCACCCTGGGCTTCACTGAGCAGCCCCCAGC
 TCAGCTCACCTATGAACCCGTCAGCAGCAGCAGGACATCAAGCCCCCTGGGCTCAATGGCGTCT
 CAAGTCCCCGCCACCCTCAGGAAACATGGCTTCTTACCAAGCACATCTGCGCATCTGCGGGAC
 CGCTCCTCAGGCAAGCACTATGGAGTGTACAGCTGCGAGGGGTGAAGGGCTTCTTCAAGCGGACGGTGC
 GCAAGGACCTGACCTACCTGCCGCGACAACAAGGACTGCCTGATTGACAAGCGGCAGCGGAACCGGTG
 CCACTACTGCCCTACCAGAAGTGCCTGGCCATGGGCATGAAGCGGGAAGCCGTGCAGGAGGAGCGGCAG
 CGTGGCAAGGACCGGAACGAGAATGAGGTGGAGTGCACAGCAGCGCCAACGAGGACATGCCGTGGAGA
 GGATCCTGGAGGCTGAGCTGGCCGTGGAGCCCAAGACCGAGACCTACGTGGAGGCAAACATGGGGCTGAA
 CCCCAGCTCGCCGAACGACCCTGTACCAACATTTGCCAAGCAGCCGACAAACAGCTTTTACCCTGGTG
 GAGTGGGCCAAGCGGATCCCACACTTCTCAGAGCTGCCCTGGACGACAGGTATCCTGCTGCGGGCAG
 GCTGGAATGAGCTGCTCATCGCTCCTTCTCCACCGTCCATCGCCGTGAAGGACGGGATCCTCCTGGC
 CACCGGGCTGCACGTCCACCGGAACAGCGCCACAGCGCAGGGGTGGGCGCCATCTTTGACAGGGTGCTG
 ACGGAGCTTGTGTCCAAGATGCGGGACATGCAGATGGACAAGACGGAGCTGGGCTGCCTGCGCGCCATCG
 TCCTCTTTAACCTGACTCCAAGGGGCTCTCGAACCAGCGCCGAGGTGGAGGCGCTGAGGAGAAGGTCTA
 TCGCTCCTTGGAGGCTTACTGCAAGCACAAATACCCAGAGCAGCGCGGAAGGTTTCGCTAAGCTCTTGCTC
 CGCTGCGGGCTCTGCGCTCCATCGGGCTCAAATGCCTGGAACATCTTCTTCTTCAAGCTCATCGGGG
 ACACACCCATTGACACCTTCTTATGGAGATGCTGGAGGCGCCGACCAATGACT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210311 representing NM_002957
 Red=Cloning site Green=Tags(s)

MDTKHFLPLDFSTQVNSSLTSPTRGRSMAAPSLHPSLGPGLGSPQLHSPISLSSPINGMPPFSVISS
 PMGPHSMVPTPTLGFSTGSPQLSSPMNPVSSSEDIKPLGLNGLKVPAPHPSGNMASFTHKICAICGD
 RSSGKHGTVYSCEGCKGFFKRTVRKDLTYTCRDNDCLIDKRQNRNRCQYCRYQKCLAMGMKREAVQEERQ
 RGKDRNENEVESTSSANEDMPVERILEAELAVEPKTETTYVEANMGLNPSSPNPVTNICQAADKQLFTLV
 EWAKRIPHFSELPLDDQVILLRAGWNELLIASFSHRSAIVKDGILLATGLHVHRNSAHSAGVGAIFDRVL
 TELVSKMRDMQMDKTELGLRAIVLFNPDSKGLSNPAEVEALREKVYASLEAYCKHKYPEQPRFAKLLL
 RLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEMLEAPHQMT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002957

ORF Size:

1386 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_002957.3</u>
RefSeq Size:	5449 bp
RefSeq ORF:	1389 bp
Locus ID:	6256
UniProt ID:	<u>P19793</u>
Cytogenetics:	9q34.2
MW:	50.6 kDa