

Product datasheet for **RR216840A1V**

Rat Adcyap1r1 (NM_001270579) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Adcyap1r1 (NM_001270579) AAV Particle
Tag:	Myc-DDK
Symbol:	Adcyap1r1
Synonyms:	PAC1-R; PACAP-R1; PACAP-R1A; PACAPR1; PACAPR1A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RR216840 representing NM_001270579
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGAGTCCTGCAGCTCTCCCTGACTGCTCTCCTGCTGCCTGTGGCTATTGCTATGCACTCTGACT
 GCATCTTCAAGAAGGAGCAAGCCATGTGCCTGGAGAGGATCCAGAGGGCCAACGACCTGATGGGACTAAA
 CGAGTCTTCCCCAGGTTGCCCTGGCATGTGGGACAATATCACATGTTGGAAGCCAGCTCAAGTAGGTGAG
 ATGGTCTTGTAACTGCCCTGAGGTCTTCCGGATCTTCAACCCGGACCAAGTCTGGATGACAGAAACCA
 TAGGAGATTCTGGTTTGGCGATAGTAATCTTGGAGATCACAGACATGGGGTCTGGGCCGGAAGTCTG
 CACAGAGGACGGCTGGTCCGAGCCCTCCCCACTACTTCGATGCTTGTGGTGTGATGATTATGAGCCT
 GAGTCTGGAGATCAGGATTATTACTACCTGTGGTGAAGGCTCTACACAGTCGGCTACAGCACTTCCC
 TCGCCACCCTCACTACTGCCATGGTCATCTTGTCCGCTTCCGGAAGTGCATTGCACTCGCAACTTCAT
 CCACATGAACCTGTTTGTATCCTTCATGCTGAGGGCTATCTCCGTCTTCATCAAGGACTGGATCTGTAC
 GCCGAGCAGGACAGCAGTCACTGCTTCGTTTCCACCGTGGAGTGCAAAGCTGTCATGGTTTTCTTCCACT
 ACTGCGTGGTGTCCAACACTTCTGGCTGTTTATTGAAGGCTGTACCTCTTACACTGCTGGTGGAGAC
 CTTCTTCCCTGAGAGGAGATATTTCTACTGGTACACCATCATCGGCTGGGGGACCACTACTGTGTGTGA
 ACAGTGTGGGCTGTGCTGAGGCTCTATTTGATGATGCAGGATGCTGGGATATGAATGACAGCACAGCTC
 TGTGGTGGGTGATCAAAGGCCCGTGGTGGCTCTATAATGGTTAACTTTGTGCTTTTCATCGGCATCAT
 CATCATCCTTGTACAGAACTGCAGTCCCAGACATGGGAGGCAACGAGTCCAGCATCTACTTAACAAAT
 TTAAGACTGAGAGTCCCCAAGAAAACCCGAGAGGACCCCTGCCTGTGCCCTCAGACCAGCATTACCCCT
 CTTTCTCAGTGGTGCAGAAATGCTACTGCAAGCCACAGCGGGCTCAGCAGCACTCTTGAAGATGTC
 AGAATATCCACCATTAATCTACGGCTGGCCCGCTCCACCTACTGCTCATCCCACTCTTCGGAATCCAC
 TACACAGTATTCGCTTCTCTCCAGAGAACGTACGCAAGAGGGAAGACTTGTGTTTGAAGTGGGCTGG
 GCTCCTTCCAGGGCTTGTGGTGGCTGTACTCTACTGCTTCTTGAATGGGAGGTACAGGCAGAGATTAA
 GAGGAAATGGAGGAGCTGGAAGGTGAACCGTTACTTCACTATGGACTTCAAGCACCGGCACCCGTCCTG
 GCCAGCAGTGGAGTAAATGGGGGAACCCAGCTGTCCATCTGAGCAAGAGCAGCTCCAGCTCCGCATGT
 CCAGCCTCCCGCCGACAACCTGGCCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MARVLQLSLTALLLPVAIAMHSDCIFKKEQAMCLERIQRANDLMGLNESSPGCPGMWDNITCWKPAQVGE
 MVLVSCPEVFRIFNPDQVWMTETIGDSGFADSNSLEITDMGVVGRNCTEDGWSEPFPHYFDACGDDYEP
 ESGDQDYYYSVKALYTVGYSTSLATLTAMVILCRFRKLHCTRNFIMNLFVSFMLRAISVFIKDWILY
 AEQDSSHCFVSTVECKAVMVFFHYCVVSNYFWLFIEGLYFTLLVETFFPERRYFYWYTIIGWGTPTVCV
 TVWAVLRLYFDDAGCWDMDSTALWWVIKGPVVGSIIMNVFLFIGIIILVQKLQSPDMGNESSIYLTN
 LRLRVPKKTREDPLPVPSDQHSPPFLSCVQKCYCKPQRAQQHSCKMSELSTITLRLARSTLLLIPLFGIH
 YTVFAFSPENVSKRERLVFELGLGSFQGFVVAVLYCFLNGEVQAEIKRKWRSWKVNRYFTMDFKHRHPSL
 ASSGVNGGTQLSILSKSSSQLRMSSLPADNLAT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_001270579

ORF Size:

1569 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_001270579.1</u> , <u>NP_001257508.1</u>
RefSeq Size:	6319 bp
RefSeq ORF:	1572 bp
Locus ID:	24167
UniProt ID:	<u>P32215</u>
Cytogenetics:	4q24
MW:	59.6 kDa