

Product datasheet for **RC210623A1V**

Human Protein Kinase A regulatory subunit I alpha (PRKAR1A) (NM_212471) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Protein Kinase A regulatory subunit I alpha (PRKAR1A) (NM_212471) AAV Particle
Tag:	Myc-DDK
Symbol:	Protein Kinase A regulatory subunit I alpha
Synonyms:	ACRDYS1; ADOHR; CAR; CNC; CNC1; PKR1; PPNAD1; PRKAR1; TSE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210623 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGTCTGGCAGTACCGCCGCCAGTGAGGAGGCACGCAGCCTTCGAGAATGTGAGCTCTACGTCCAGA
AGCATAACATTCAAGCGCTGCTCAAAGATTCTATTGTGCAGTTGTGCACTGCTCGACCTGAGAGACCCAT
GGCATTCTCAGGGAATACTTTGAGAGGTTGGAGAAGGAGGAGGCAAAACAGATTCAGAATCTGCAGAAA
GCAGGCACTCGTACAGACTCAAGGGAGGATGAGATTTCTCCTCCTCCACCAACCCAGTGGTTAAAGGTA
GGAGGCGACGAGGTGCTATCAGCGCTGAGGTCTACACGGAGGAAGATGCGGCATCCTATGTTAGAAAGGT
TATACCAAAAAGATTACAAGACAATGGCCGCTTTAGCCAAAGCCATTGAAAAGAATGTGCTGTTTTACAT
CTTGATGATAATGAGAGAAGTGATATTTTTGATGCCATGTTTTCGGTCTCCTTTATCGCAGGAGAGACTG
TGATTCAGCAAGGTGATGAAGGGGATAACTTCTATGTGATTGATCAAGGAGAGACGGATGTCTATGTTAA
CAATGAATGGCAACCACTGTTGGGAAGGAGGAGCTTTGGAGAATTGCTTTGATTTATGGAACACCG
AGAGCAGCCACTGTCAAAGCAAAGACAAATGTGAAATTGTGGGCATCGACCGAGACAGCTATAGAAGAA
TCCTCATGGGAAGCACACTGAGAAAGCGGAAGATGTATGAGGAATTCCTAGTAAAGTCTCTATTTTGA
GTCTCTGGACAAGTGGGAACGTCTTACGGTAGCTGATGCATTGGAACCACTGCAGTTTGAAGATGGGCAG
AAGATTGTGGTGCAGGAGAACCAGGGGATGAGTTCCTCATTATTTAGAGGGGTCAGCTGCTGTGCTAC
AACGTCGGTCAGAAAATGAAGAGTTTGTGGAAGTGGGAAGATTGGGGCCTTCTGATTATTTTGGTGAAAT
TGCACTACTGATGAATCGTCCTCGTGCTGCCACAGTTGTTGCTCGTGGCCCTTGAAGTGCCTTAAGCTG
GACCGACCTAGATTTGAACGTGTTCTTGCCCCATGCTCAGACATCCTCAAACGAAACATCCAGCAGTACA
ACAGTTTTGTGCTCACTGTCTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210623 protein sequence Red=Cloning site Green=Tags(s) MESGSTAASEEARSLRECELYVQKHNIQALLKDSIVQLCTARPERPMAFLREYFERLEKEEAKQIQNLQK AGTRTDSREDEISPPPPNPVVKGRRRRGAISAEVYTEEDAASYVRKVIPKDYKMAALAKAIEKNVLF SHLDDNERSDIFDAMFSVSFIAGETVIQQGDEGDNFYVIDQGETDVYVNNNEWATSVGEGGSFGELAL IYGTPRAATVKAKTNVKLWGIDRDSYRRILMGSTLRKRKMYEEFLSKVSILESLDKWERLTVADALEP VQFEDGQKIVVQGEPPGDEFFIILEGSAAVLQRRSENEEFVEVGRLGPSDYFGEIALLMNRPR AATTVARGPLKCVKLDRPRFERVLGPCSDILKRNIQQYNSFVLSLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_212471
ORF Size:	1143 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:	NM_212471.1 , NP_997636.1
RefSeq Size:	4518 bp
RefSeq ORF:	1146 bp
Locus ID:	5573
UniProt ID:	P10644
Cytogenetics:	17q24.2
MW:	43 kDa