

Product datasheet for **RC210332A1V**

Human PRKACA (NM_002730) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRKACA (NM_002730) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKACA
Synonyms:	CAFD1; PKACA; PPNAD4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210332 representing NM_002730 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCAACGCCGCCGCCCAAGAAGGGCAGCGAGCAGGAGAGCGTGAAAGAATTCTTAGCCAAAGCCA
AAGAAGATTTTCTTAAAAATGGGAAAGTCCCGCTCAGAACACAGCCCACTTGGATCAGTTTGAACGAAT
CAAGACCCTCGGCACGGGCTCCTTCGGGCGGGTGATGCTGGTGAACACAAGGAGACCGGAACCACTAT
GCCATGAAGATCCTCGACAAACAGAAGGTGGTAAACTGAAACAGATCGAACACACCCTGAATGAAAAGC
GCATCCTGCAAGCTGTCAACTTTCGGTTCCTCGTCAAACTCGAGTTCTCCTTCAAGGACAACTCAAACTT
ATACATGGTCATGGAGTACGTGCCCGGGCGGGGAGATGTTCTCACACCTACGGCGGATCGGAAGGTTCACT
GAGCCCCATGCCCGTTTCTACGCGGCCAGATCGTCTGACCTTTGAGTATCTGCACTCGCTGGATCTCA
TCTACAGGGACCTGAAGCCGGAGAATCTGCTCATTGACCAGCAGGGCTACATTACAGTGACAGACTTCGG
TTTCGCCAAGCGCGTGAAGGGCCGCACTTGGACCTTGTCGGCACCCCTGAGTACCTGGCCCTGAGATT
ATCCTGAGCAAAGGCTACAACAAGGCCGTGGACTGGTGGGCCCTGGGGTTCTTATCTATGAAATGGCCG
CTGGCTACCCGCCCTTCTTCGACAGCAGCCATCCAGATCTATGAGAAGATCGTCTCTGGGAAGGTGCG
CTTCCCTTCCCACTTCAGCTCTGACTTGAAGGACCTGTCGGAACCTCTGCAGGTAGATCTACCAAG
CGCTTTGGGAACCTCAAGAATGGGTCAACGATATCAAGAACCACAAGTGGTTTGCCCAACTGACTGGA
TTGCCATCTACCAGAGGAAGGTGAAGCTCCCTTCATACCAAAGTTTAAAGGCCCTGGGGATACGAGTAA
CTTTGACGACTATGAGGAAGAAGAAATCCGGGTCTCCATCAATGAGAAGTGTTGGAAGGAGTTTCTGAG
TTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210332 representing NM_002730 Red=Cloning site Green=Tags(s) MGNAAAKKGSEQESVKEFLAKAKEDFLKKWESPAQNTAHL DQFERIKTLGTGSFGRVMLVKKHETGNHY AMKILDKQKVVKLKQIEHTLNEKRILQAVNFPFLVKLEFSFKDNSNL YMMEYVPGGEMFSLRRIGRFS EPHARFYAAQIVLTFEYLHSLDLIYRDLKPENLLIDQQGYIQVTDGFAKRVKGRTWTL CGTPEYLAPEI ILSKGYNKAVDWWALGVLIYEMAAGYPPFFADQPIQIYEKIVSGKVRFP SHFSSDLKDLLRNLLQVDLTK RFGNLKNGVNDIKNHKWFATTDWIAIYQRKVEAPFIPKFKGPGDTSNFDDYEEEEIRVSINEKCGKEFSE F TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002730
ORF Size:	1053 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_002730.3
RefSeq Size:	2689 bp
RefSeq ORF:	1056 bp
Locus ID:	5566
UniProt ID:	P17612
Cytogenetics:	19p13.12
MW:	40.4 kDa