

Product datasheet for **RC207218A1V**

Human PRKACB (NM_002731) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRKACB (NM_002731) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKACB
Synonyms:	CAFD2; PKA C-beta; PKACB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207218 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGGGAACGCGGCGACCGCCAAGAAAGGCAGCGAGGTGGAGAGCGTGAAAGAGTTTCTAGCCAAAGCCA
AAGAAGACTTTTTGAAAAATGGGAGAATCCAACCTCAGAATAATGCCGGACTTGAAGATTTTGAAGGAA
AAAAACCTTGGAACAGGTTCAATTTGGAAGAGTCATGTTGGTAAAACACAAGCCACTGAACAGTATTAT
GCCATGAAGATCTTAGATAAGCAGAAGTTGTTAACTGAAGCAAATAGAGCATACTTTGAATGAGAAAA
GAATATTACAGGCAGTGAATTTTCCTTTTCCTTGTTCGACTGGAGTATGCTTTTAAAGGATAATTCTAATTT
ATACATGGTTATGGAATATGTCCCTGGGGGTGAAATGTTTTACATCTAAGAAGAATTGGAAGGTTCACT
GAGCCCATGCACGGTCTATGCAGCTCAGATAGTGCTAACATTCGAGTACCTCAATTCCTAGACATCA
TCTACAGAGATCTAAAACCTGAAAATCTCTTAATTGACCATCAAGGCTATATCCAGGTCACAGACTTTGG
GTTTGCCAAAAGAGTTAAAGGCAGAAGTTGGACATTATGTGGAAGTCCAGAGTATTTGGCTCCAGAAATA
ATTCTCAGCAAGGCTACAATAAGGCAGTGGATTGGTGGGCATTAGGAGTGCTAATCTATGAAATGGCAG
CTGGCTATCCCCATTCTTGCAGACCAACCAATTCAGATTTATGAAAAGATTGTTTCTGAAAAGTCCG
ATTCATCCCACTTCAGTTCAGATCTCAAGGACCTTCTACGGAACCTGCTGCAGGTGGATTTGACCAAG
AGATTTGGAAATCTAAGAATGGTGTCACTGATATAAAAACCTCACAAGTGGTTTGCACGACAGATTGGA
TTGCTATTTACCAGAGGAAGGTTGAAGCTCCATTCATACCAAAGTTTAGAGGCTCTGGAGATACCAGCAA
CTTTGATGACTATGAAGAAGAAGATATCCGTGTCTCTATAACGAAAAATGTGCAAAAAGAAATTTGGTGAA
TTT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207218 protein sequence Red=Cloning site Green=Tags(s) MGNAATAKKGSEVESVKEFLAKAKEDFLKKWENPTQNNAGLEDFERKKTLLGTGSFGRVMLVKHKATEQYY AMKILDKQKVVKLKQIEHTLNEKRILQAVNFPFLVRLLEYAFKDNSNLYMMEYVPGGEMFSLRRIGRFS EPHARFYAAQIVLTFEYLNSLDIIYRDLKPENLLIDHQGYIQVDFGF AKRVKGRWTLCGTPEYLAPEI ILSKGYNKAVDWWALGVLIYEMAAGYPPFFADQPIQIYEKIVSGKVRFPNFSDDLKDLLRNLLQVDLTK RFGNLKNGVSDIKTHKWFATTDWIAIYQRKVEAPFIPKFRGSGDTSNFDDYEEEDIRVSI TEKCAKEFGE F TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002731
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_002731.2
RefSeq Size:	4616 bp
RefSeq ORF:	1056 bp
Locus ID:	5567
UniProt ID:	P22694
Cytogenetics:	1p31.1
MW:	40.6 kDa