

Product datasheet for **RC215013A1V**

Human PKC zeta (PRKCZ) (NM_001033582) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKC zeta (PRKCZ) (NM_001033582) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKCZ
Synonyms:	PKC-ZETA; PKC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215013 representing NM_001033582 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATTCTGTCATGCCTTCCCAAGAGCCTCCAGTAGACGACAAGAACGAGGACGCCGACCTTCCTTCCG
AGGAGACAGATGGAATTGCTTACATTTCTCATCCCGAAGCATGACAGCATTAAAGACGACTCGGAGGA
CCTTAAGCCAGTTATCGATGGGATGGATGGAATCAAAATCTCTCAGGGGCTTGGGCTGCAGGACTTTGAC
CTAATCAGAGTCATCGGGCGGGGAGCTACGCCAAGGTTCTCTGGTGCAGGATATTGACTGGGTACAGACAGA
TTTACGCCATGAAAGTGGTGAAGAAAGAGCTGGTGCATGATGACGAGGATATTGACTGGGTACAGACAGA
GAAGCAGTGTTTGAGCAGGCATCCAGCAACCCCTTCTGGTTCGATTACACTCCTGCTTCCAGACGACA
AGTCGGTTGTTCTGGTCATTGAGTACGTCAACGGCGGGACCTGATGTTCCACATGCAGAGGCAGAGGA
AGCTCCCTGAGGAGCACGCCAGGTTCTACGCGGCCGAGATCTGCATCGCCCTCAACTTCTGCACGAGAG
GGGATCATCTACAGGGACCTGAAGCTGGACAACGTCTCTGGATGCGGACGGGCACATCAAGCTCACA
GACTACGGCATGTGAAGGAAGGCTGGGCCCTGGTGACACAACGAGCACTTTCTGCGGAACCCGAATT
ACATCGCCCCGAAATCCTGCGGGGAGAGGAGTACGGGTTAGCGTGGACTGGTGGGCGCTGGGAGTCTCT
CATGTTTGAGATGATGGCCGGGCGCTCCCCGTTTCGACATCATCACCACAACCCGGACATGAACACAGAG
GACTACCTTTTCCAAGTGATCCTGGAGAAGCCATCCGGATCCCCGGTTCCTGTCCGTCAAAGCCTCCC
ATGTTTTAAAAGGATTTTAAATAAGGACCCCAAAGAGAGGCTCGGCTGCCGGCCACAGACTGGATTTTC
TGACATCAAGTCCACGCTTCTTCCGAGCATAGACTGGGACTTGCTGGAGAAGAAGCAGGCGCTCCCT
CCATTCAGCCACAGATCACAGACGACTACGGTCTGGACAACCTTTGACACACAGTTACACGCGAGCCCCG
TGCAGCTGACCCAGACGATGAGGATGCCATAAAGAGGATCGACCACTCAGAGTTCGAAGGCTTTGAGTA
TATCAACCATTTATTGCTGTCCACCGAGGAGTCGGT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC215013 representing NM_001033582 Red=Cloning site Green=Tags(s) MDSVMPSEQEPPVDDKNEDADLPSEETDGIAYISSSRKHDSIKDDSEDLKPVIDGMDGIKISQGLGLQDFD LIRVIGRGSYAKVLLVRLKKNQIYAMKVVKELVHDDDEDIDWVQTEKHVFEQASSNPFLVGLHSCFQTT SRLFLVIEYVNGDLMFHMQRQRKLPEEHARFYAAEICIALNFLHERGIIYRDLKLDNVLLDADGHILK DYGMCKEGLGPGDTTSTFCGTPNYIAPEILRGEEYGFSDWWALGVLMFEMMAGRSPFDIITDNPDMNTE DYLFQVILEKPIRIPRFLSVKASHVLKGFNLKDPKERLGCRPQTGFSDIKSHAFFRSIDWDLLEKKQALP FPQPQITDDYGLDNFDTQFTSEPVQLTPDDEDAIKRIDQSEFEGFEYINPLLLSTEEVS SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001033582
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F7305
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_001033582.1</u> , <u>NP_001028754.1</u>
RefSeq Size:	2044 bp
RefSeq ORF:	1230 bp
Locus ID:	5590
UniProt ID:	<u>Q05513</u>
Cytogenetics:	1p36.33
MW:	67.7 kDa