

Product datasheet for **RC200438A1V**

Human PKC zeta (PRKCZ) (NM_001033581) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKC zeta (PRKCZ) (NM_001033581) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKCZ
Synonyms:	PKC-ZETA; PKC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200438 representing NM_001033581
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCCAGCAGGACCGGCCCAAGATGGAAGGGAGCGGCGCCGCTCCGCTCAAGGCGCATTACGGGG
 GGGACATCTTCATCACCAGCGTGGACGCGCCACGACCTTCGAGGAGCTCTGTAGGAAGTGAGAGACAT
 GTGTGCTCTGCACCAGCAGCACCCGCTCACCCTCAAGTGGGTGGACAGCGAAGGTGACCTTGCACGGTG
 TCCTCCAGATGGAGCTGGAAGAGGCTTCCGCTGGCCGTCAGTGCAGGGATGAAGGCCTCATCATTC
 ATGTTTTCCCGAGCACCCCTGAGCAGCCTGGCCTGCCATGTCCGGGAGAAGACAAATCTATACCGCCG
 GGGAGCCAGAAGATGGAGGAAGCTGTACCGTGCCAACGGCCACCTCTTCAAGCCAAGCGCTTTAACAGG
 AGAGCGTACTGCGGTGAGTGCAGCGAGAGGATATGGGGCTCGCGAGGCAAGGCTACAGGTGCATCAACT
 GCAAAGTCTGCTCCATAAAGCGCTGCCACGGCCTCGTCCGCTGACCTGCAGGAAGCATATGGATTCTGT
 CATGCCTTCCAAGAGCCTCCAGTAGACGACAAGAACGAGGACCGGACCTTCTTCCGAGGAGACAGAT
 GGAAATGCTTACATTTCTCATCCCGGAAGCATGACAGCATTAAAGACGACTCGGAGGACCTTAAGCCAG
 TTATCGATGGGATGGATGGAATCAAAATCTCTCAGGGGCTTGGGTGCAGGACTTTGACCTAATCAGAGT
 CATCGGGCGGGGAGCTACGCCAAGGTTCTCCTGGTGCAGTTGAAGAAGAATGACCAATTTACGCCATG
 AAAGTGGTGAAGAAAGAGCTGGTGCATGATGACGAGGATATTGACTGGGTACAGACAGAGAAGCAGTGT
 TTGAGCAGGCATCCAGCAACCCCTTCTGGTGGATTACACTCCTGCTTCCAGACGACAAGTCGGTTGTT
 CCTGGTCATTGAGTACGTCAACGGCGGGGACCTGATGTTCCACATGCAGAGGCAGAGGAAGCTCCCTGAG
 GAGCAGCCAGGTTCTACGCGGCGGAGATCTGCATCGCCCTCACTTCTGCAGGAGGGGGATCATCT
 ACAGGGACCTGAAGCTGGACAACGTCTCTGGATGCGGACGGGCACATCAAGCTCACAGACTACGGCAT
 GTGCAAGGAAGGCTGGGCCCTGGTGACACAACGAGCACTTTCTGCGGAACCCCGAATTACATCGCCCCC
 GAAATCTGCGGGGAGAGGAGTACGGGTTGAGCGTGGACTGGTGGGCGCTGGGAGTCTCATGTTTGAGA
 TGATGGCCGGGCGCTCCCGTTGACATCATCACCACAACCCGGACATGAACACAGAGGACTACCTTTT
 CCAAGTGATCTGGAGAAGCCCATCCGGATCCCCCGTTCTGTCCGTCAAAGCCTCCCATTGTTTTAAAA
 GGATTTTTTAAATAAGGACCCCAAAGAGAGGCTCGGCTGCCGGCCACAGACTGGATTTTCTGACATCAAGT
 CCCACGCTTCTCCGAGCATAGACTGGGACTTGCTGGAGAAGAAGCAGGCGCTCCCTCCATTCCAGCC
 ACAGATCACAGACGACTACGGTCTGGACAACCTTTGACACACAGTTACCAGCGAGCCCGTGCAGTGACC
 CCAGACGATGAGGATGCCATAAAGAGGATCGACCAGTCAGAGTTCGAAGGCTTTGAGTATATCAACCCAT
 TATTGCTGTCCACCGAGGAGTCCGTG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPSRTGPKMEGSGGRVRLKAHYGGDIFITSVDAATTFEELCEEVRDMCRLHQHPLTLKWVDSEDPCTV
 SSQMELEEAFLARQCRDEGLIIHVFPSTPEQPLPCPGEDKSIYRRGARRWRKLYRANGHLFQAKRFNR
 RAYCGQCSERIWGLARQGYRCINCKLLVHKRCHGLVPLTCRKHMDSVMPSQEPVDDKNEDADLPSEETD
 GIAYISSSRKHDSIKDDSEDLKPVIDGMDGIKISQGLGLQDFDLIRVIGRGSYAKVLLVRLKKNQDIYAM
 KVVKKELVHDDIDWVQTEKHVFEQASSNPFLVGLHSCFQTTSRLFLVIEYVNGGDLFMHMQRQKLPE
 EHARFYAAEICIALNFLHERGIIYRDLKLDNVLLDADGHIKLDYGMCKEGLGPGDTTSTFCGTPNYIAP
 EILRGEYGFSDVWALGVLMFEMMAGRSPFDIITDNPDMNTEDYLFQVILEKPIRIPRFLSVKASHVLK
 GFLNKDPKERLGCRPQTGFSDIKSHAFFRSIDWDLLEKKQALPPFPQITDDYGLDNFDTQFTSEPVQLT
 PDDEDAIKRIDQSEFEGFEYINPLLLSTEESV

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001033581
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F5064
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_001033581.1, NP_001028753.1</u>
RefSeq Size:	2147 bp
RefSeq ORF:	1230 bp
Locus ID:	5590
UniProt ID:	<u>Q05513</u>
Cytogenetics:	1p36.33
MW:	67.7 kDa