

Product datasheet for **RC208502A1V**

Human PKC gamma (PRKCG) (NM_002739) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKC gamma (PRKCG) (NM_002739) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKCG
Synonyms:	PKC-gamma; PKCC; PKCG; PKCgamma; PKCI(3); SCA14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208502 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGGTCTGGGCCCCGGCGTAGGCGATTAGAGGGGGACCCCGGCCCTGTTTTGCAGAAAGGGG
CCCTGAGGCAGAAGGTGGTCCACGAAGTCAAGAGCCACAAGTTACCGCTCGCTTCTCAAGCAGCCAC
CTTCTGCAGCCACTGCACCGACTTCATCTGGGGTATCGGAAAGCAGGGCCTGCAATGTCAAGTCTGCAGC
TTTGTGGTTTCATCGACGATGCCACGAATTTGTGACCTTCGAGTGTCCAGGCGCTGGGAAGGGCCCCAGA
CGGATGACCCCGGAACAAACAAGTTCCGCCTGCATAGCTACAGCAGCCACCTTCTGCGACCACTG
TGGCTCCCTCCTACGGGCTTGTGCACAGGGCATGAAATGCTCCTGCTGCGAGATGAACGTGCACCGG
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CCTCTTCTCCTTCAATCAGGGCATCATCTACAGGGACCTGAAGCTGGACAATGTGATGCTGGATGCT
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CCTTCTGCGGGACCCCGACTACATAGCCCGGAGATCATTGCCTACCAGCCCTATGGGAAGTCTGTCGA
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GAGGAGCTGTTTCAGGCCATCATGGAACAACTGTACCTACCCCAAGTCGCTTCCCGGAAGCCGTGG
CCATCTGCAAGGGGTTCTTGACCAAGCACCAGGGAAGCGCCTGGGCTCAGGGCCTGATGGGGAACCTAC
CATCCGTGCACATGGCTTTTCCGCTGGATTGACTGGGAGCGGCTGGAACGATTGGAGATCCCGCCTCCT
TTCAGACCCCGCCCGTGTGGCCGAGCGGCGAGAACTTTGACAAGTTCTTACGCGGGCGGCGCCAGCGC
TGACCCCTCCAGACCGCTAGTCTGGCCAGCATCGACCAGGCCGATTTCAGGGCTTCACCTACGTGAA
CCCCGACTTCGTGCACCCGGATGCCCGAGCCCCACCAGCCAGTGCCTGTGCCCGTCATG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208502 protein sequence Red=Cloning site Green=Tags(s) MAGLGPGVGDSEGGPRPLFCRKGALRQKVVEVKSHKFTARFFKQPTFCSHCTDFIWGIGKQGLQCQVCS FVVHRRCHEFVTFECPGAGKGPQTDDPRNKKHFRLLHSYSSPTFCDHCGSLLYGLVHQGMKSCCEMNVHR RCVRSVPSLCGVDHTERRGRLQLEIRAPTADEIHVTVGARNLIPMDPNGLSDPYVKLLIPDPRNLTKQ KTRTVKATLNPVWNETFVFNLPKGDVERRLSVEVWDWDRTSRNDFMGAMSFVSELLKAPVDGWYKLLNQ EEGEYYNVPVADADNCSLLQKFEACNYPLELYERVVMGPSSSPIPSPSPSPTDPKRCFFGASPGRLHISD FSFLMVLGKGSFGKVMLAERRGSDELYAIKILKKDVIVQDDVDCTLVEKRVLALGGRGPGGRPHFLTQL HSTFQTPDRLYFVMEYVTGGDLMYHIQQLGKFKEPAAFYAAEIAIGLFFLHNQGIYRDLKLDNVMLEDA EGHIKITDFGMCKENVFPGTTTTRTFCGTPDYIAPEIIAYQPYGKSVDWWSFGVLLYEMLAGQPPFDGEDE EELFQAIMEQTVTPKSLSREAVAICKGFLTKHPGKRLGSGPDGEPTIRAHGFFRWIDWERLERLEIPPP FRPRPCGRSGENFDKFFTRAAPALTPPDRLVLASIDQADFQGYVNPDPFVHPDARSPTSPVPVPM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002739
ORF Size:	2091 bp
Buffer:	PBS with 0.001% Pluronic F6274
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_002739.3
RefSeq Size:	3143 bp
RefSeq ORF:	2094 bp
Locus ID:	5582
UniProt ID:	P05129
Cytogenetics:	19q13.42
MW:	78.4 kDa