

Product datasheet for **RC217702A1V**

Human PKC epsilon (PRKCE) (NM_005400) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKC epsilon (PRKCE) (NM_005400) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKCE
Synonyms:	nPKC-epsilon; PKCE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217702 representing NM_005400
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAGTGTTCAATGGCCTTCTTAAGATCAAAATCTGCGAGGCCGTGAGCTTGAAGCCACAGCCTGGT
 CGCTGCCCATGCGGTGGGACCCCGGCCGACAGCTTTCCTTCTCGACCCCTACATTGCCCTCAATGTGGA
 CGACTCGCGCATCGGCCAAACGGCCACCAAGCAGAAGACCAACAGCCCGCCTGGCACGACGAGTTCTGTC
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 GGTGTGACGACCAACACGTTCTGTGGGACTCCTGACTACATAGCTCCTGAGATCCTGCAGGAGTTGGAGT
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 TGAGGCCGACAATGAGGACGACCTATTTGAGTCCATCCTCCATGACGACGTGCTGTACCCAGTCTGGCTC
 AGCAAGGAGGCTGTGAGCATCTTGAAAGCTTTCATGACGAAGAATCCCCACAAGCGCCTGGGCTGTGTGG
 CATCGCAGAATGGCGAGGACGCCATCAAGCAGCACCCATTCTTCAAAGAGATTGACTGGGTGCTCCTGGA
 GCAGAAGAAGATCAAGCCACCCTTCAAACACGCATTAACCAAAAAGAGACGTCAATAATTTTGACCAA
 GACTTTACCCGGAAGAGCCGTAATCACCTTGTGGACGAAGCAATTGTAAAGCAGATCAACCAGGAGG
 AATTCAAAGGTTTCTCTACTTTGGTGAAGACCTGATGCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217702 representing NM_005400 Red=Cloning site Green=Tags(s) MVVFNGLLKIKICEAVSLKPTAWSLRHAVGPRPQTFLDPYIALNVDDSRIGQTATKQKTNSPAWHDEFV TDVCNGRKIELAVFHDAPIGYDDFVANCTIQFEELLQNGSRHFEDWIDLEPEGRVYVVIIDLSGSSGEAPK DNEERVFRERMRPRKQGAVERRRVHQVNGHKFMATYLRQPTYCSHCRDFIWGVIGKQGYQCQVCTCVVHK RCHELIITKCAGLKKQETPDQVGSQRFVSNMPHKFGIHNYKVPTFCDHCGSLLWGLLRQGLQCKVCKMNV HRRCETNVAPNCGVDARGIAKVLADLGVTDPKITNSGQRRKKLIAGAESPQASGSSPSEEDRSKSAPTS PCDQEIKELENNIRKALSFDNRGEEHRAASSPDGQLMSPGENGEVRQGQAKRLGLDEFNFIVLKGSGFG KVMLAELKGKDEVYAVKVLKKDVLQDDDDVDCTMTEKRILALARKHPYL TQLYCCFQTKDRLFFVMEYVN GGDLMFQIQRSRKFDPRSRFYAAEVTSALMFLHQHGVYRDLKLDNILLDAEGHCKLADFGMCKEGILN GVTTFCTGTPDYIAPEILQELEYGPSVDWWALGVLMYEMMAGQPPFEADNEDDLFESILHDDVLYPVWL SKEAVSILKAFMTKNPHKRLGCVASQNGEDA IKQHPFFKEIDWVLEQKKIKPPFKPRIKTRDNNFDQ DFTREEPVLTLDVAIVKQINQEEFGFSYFGEDLMP* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005400
ORF Size:	2211 bp
Buffer:	PBS with 0.001% Pluronic F7727
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_005400.2</u>
RefSeq Size:	5537 bp
RefSeq ORF:	2214 bp
Locus ID:	5581
UniProt ID:	<u>Q02156</u>
Cytogenetics:	2p21
MW:	83.5 kDa