

Product datasheet for **RC233033A1V**

Human PDE1C (NM_001191056) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE1C (NM_001191056) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE1C
Synonyms:	cam-PDE 1C; DFNA74; hCam-3; Hcam3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC233033 representing NM_001191056
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGTCGCCAACCAAGGAGATTGAAGAATTTGAGAGCAACTCTCTGAAATACCTGCAACCGGAACAGA
 TCGAGAAAATCTGGCTTCGGCTCCGCGGGCTGAGGAAATATAAGAAAACGTCCCAGAGATTACGGTCTTT
 GGTCAAACAATTAGAGAGAGGGGAAGCTTCAGTGGTAGATCTTAAGAAGAATTTGGAATATGCAGCCACA
 GTGCTTGAATCTGTATATTGATGAAACAAGGAGACTCCTGGATACAGAGGATGAGCTCAGTGACATTC
 AGTCAGATGCTGTGCCTTCTGAGGTCCGAGACTGGCTGGCTCCACCTTCACGCGGCAGATGGGGATGAT
 GCTCAGGAGGAGCGACGAGAAGCCCGTTCAAGAGCATCGTTACGCGAGTGCAGGCTGGGATATTTGTG
 GAGAGAATGTATAGACGACATCAAACATGGTTGGACTGAGCTATCCACCAGTGTTATTGAGGCATTAA
 AGGATGTGGACAAGTGGTCCTTTGACGTCTTTCCCTCAATGAGGCCAGTGGGGATCATGCACTGAAATT
 TATTTTCTATGAACTACTCACAGTTATGATCTGATCAGCCGTTTCAAGATCCCATTCTGCACTTGTC
 TCATTTGTGGAGGCCCTGGAAGTGGGATACAGCAAGCAGCAAAAAATCCTTACCATAACTTAATGCACGCTG
 CCGATGTTACACAGACAGTGCATTACCTCCTCTATAAGACAGGAGTGGCGAACTGGCTGACGGAGCTGGA
 GATCTTTGCTATAATCTTCTCAGCTGCCATCCATGACTACGAGCATACCGGAACCAACAATTTCCAC
 ATTCAGACTCGGTCTGATCCAGCTATTCTGTATAATGACAGATCTGTACTGGAGAATCACCATTTAAGTG
 CAGCTTATCGCCTTCTGCAAGATGACGAGGAAATGAATATTTTGATTAACTCTCAAAGGATGACTGGAG
 GGAGTTTCAACCTTGGTAATTGAAATGGTGTGGCCACAGATATGCTTGTCACTTCCAACAAATCAAA
 GCAATGAAGACTGCTCTGCAGCAGCCAGAAGCCATTGAAAAGCCAAAAGCCTTATCCCTTATGCTGCATA
 CAGCAGATATTAGCCATCCAGCAAAAGCATGGGACCTCCATCATCGCTGGACAATGTCACTCCTGGAGGA
 GTTCTTCAGACAGGGTGACAGAGAAGCAGAGCTGGGGCTGCCTTTTCTCCTCTGTGTGACCGAAAAGTCC
 ACTATGGTTGCTCAGTCACAAGTAGGTTTCATTGATTTTCATCGTGAACCCACCTTCACTGTGCTTACGG
 ACATGACCGAGAAGATTGTGAGTCCATTAATCGATGAAACCTCTCAAACCTGGTGGGACAGGACAGAGGCG
 TTCAGTTTGAATAGCATCAGCTCGTCAGATGCCAAGCGATCAGGTGTCAAGACCTCTGGTTCAGAGGGA
 AGTGCCCCGATCAACAATTCTGTCATCTCCGTTGACTATAAGAGCTTTAAAGCTACTTGGACGGAAGTGG
 TGCACATCAATCGGGAGAGATGGAGGGCCAAGGTACCCAAAGAGGAGAAGGCCAAGAAGGAAGCAGAGGA
 AAAGGCTCGCCTGGCCGAGAGGAGCAGCAAAAGGAAATGGAAGCCAAAAGCCAGGCTGAAGAAGGCGCA
 TCTGGCAAAGCTGAGAAAAAGACGTCTGGAGAACTAAGAATCAAGTCAATGGAACACGGGCAAAACAAA
 GTGACAACCCTCGTGGGAAAACTCAAAGCCGAGAAGTCATCAGGAGAACAGCAACAGAATGGTGACTT
 CAAAGATGGTAAAAATAGACAGACAAGAAGGATCACTTAACATCGGAAATGATTCAAAGAAAACAGAT
 GATTCACAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC233033 representing NM_001191056 Red=Cloning site Green=Tags(s) MESPTKEIEEFESNSLKYLPQEIQEKIWLRLRGLRKYKKSQRLRSLVKQLERGEASVVDLKKNLEYAAT VLESVYIDETRRLDTEDELSDIQSDAVPSEVRDWLASTFTRQMGMLRRSDEKPRFKSIVHAVQAGIFV ERMYYRRTSNMVGLSYPPAVIEALKDVKWSFDVSLNEASGDHALKFIFYELLTRYDLISRFKIPISALV SFVEALEVGYSKHKNPYHNLMAADVTQTVHYLLYKTGVANWLTELEIFAIIFSAAIHDEHTGTTNNFH IQTRSDPAILYNDRSVLENHHLAAAYRLLQDDEEMNILINLSKDDWREFRTLVIEMVMATDMSCHFQQIK AMKTALQQPEAIEKPKALSLMLHTADISHPAKAWDLHHRWTMSLLEEFFRQGDREAELGLPFSPLCDRKS TMVAQSQVGFIDFIVEPTFTVL TDMTEKIVSPLIDETSQTGGTGQRRSSLNSISSDAKRSGVKTSQSEG SAPINNSVISVDYKSFKATWTEVVHINRERWRKVPKEEKAKKEAEKARLAAEEQQKEMEAKSQAEEGA SGKAEKKTSGETKNQVNGTRANKSDNPRGKNSKAEKSSGEQQQNGDFKDGKNKTDKKDHSNIGNDSKKT DSQE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001191056
ORF Size:	1902 bp
Buffer:	PBS with 0.001% Pluronic F10072
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_001191056.1
RefSeq Size:	2979 bp
RefSeq ORF:	1905 bp
Locus ID:	5137
UniProt ID:	Q14123
Cytogenetics:	7p14.3
MW:	72.7 kDa