

Product datasheet for **RC218324A1V**

Human PDE4 (PDE4B) (NM_001037339) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PDE4
Synonyms:	DPDE4; PDEIVB
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC218324 representing NM_001037339
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGGAGCAGGGGGCACCTTCAGTAGCACCGGAATCAGCGGTGGTAGCGGTGACTCTGCTATGGACA
 GCCTGCAGCCGCTCCAGCCTAACTACATGCCTGTGTGTTGTTTGCAGAAGAATCTTATCAAAAATTAGC
 AATGGAACGCTGGAGGAATTAGACTGGTGTAGACCACTAGAGACCATACAGACCTACCGGTCTGTC
 AGTGAGATGGCTTCTAACAAAGTTCAAAAGAATGCTGAACCGGGAGCTGACACACCTCTCAGAGATGAGCC
 GATCAGGGAACAGGTGCTGAATACATTTCAAATACTTTCTAGACAAGCAGAATGATGTGGAGATCCC
 ATCTCCTACCCAGAAAGACAGGGAGAAAAAGAAAAAGCAGCAGCTCATGACCCAGATAAGTGGAGTGAAG
 AAATTAATGCATAGTTCAAGCCTAAACAATACAAGCATCTCAGCTTTGGAGTCAAACTGAAAAATGAAG
 ATCACCTGGCAAGGAGCTGGAAGACCTGAACAAATGGGTCTTAACATCTTAAATGTGGCTGGATATTC
 TCACAAATAGACCCCTAACATGCATCATGTATGCTATATCCAGGAAAGAGACCTCTAAAGACATTCAGA
 ATCTCATCTGACACATTTATAACCTACATGACTTTAGAAGACCATTACCATTCTGACGTGGCATATC
 ACAACAGCCTGCACGCTGCTGATGTAGCCAGTCGACCCATGTTCTCCTTTCTACACCAGCATTAGACGC
 TGTCTTCACAGATTTGGAGATCCTGGCTGCCATTTTGCAGCTGCCATCCATGACGTTGATCATCTGGA
 GTCTCCAATCAGTTTCTCATCAACAAATTCAGAACTTGCTTTGATGTATAATGATGAATCTGTGTTGG
 AAAATCATCACCTTGTGTGGGTTTCAAAGTCTGCAAGAAGAACTGTGACATCTTCATGAATCTCAC
 CAAGAAGCAGCGTCAGACACTCAGGAAGATGGTTATTGACATGGTGTAGCAACTGATATGTCTAAACAT
 ATGAGCCTGCTGGCAGACCTGAAGACAATGGTAGAAACGAAGAAAGTTACAAGTTCAGGCGTTCTTCTCC
 TAGACAATATACCGATCGCATTAGGTCCTTCGCAACATGGTACACTGTGACAGCTGAGCAACCCAC
 CAAGTCCTTGAATTGTATCGGCAATGGACAGACCGCATCATGGAGGAATTTTCCAGCAGGGAGACAAA
 GAGCGGGAGAGGGGAATGGAATAGCCCAATGTGTGATAAACACACAGCTTCTGTGAAAAATCCCAGG
 TTGTTTTCATCGACTACATTGTCCATCCATTGTGGGAGACATGGGAGATTTGGTACAGCCTGATGCTCA
 GGACATTCTCGATACCTTAGAAGATAACAGGAAGTGGTATCAGAGCATGATACCTCAAAGTCCCTCACCA
 CCACTGGACGAGCAGAACAGGGACTGCCAGGCTGATGGAGAAAGTTTCAAGTTGAACTGACTCTCGATG
 AGGAAGATTCTGAAGGACCTGAGAAGGAGGAGAGGACACAGCTATTTTCAGCAGCAGAAAGACGCTTTG
 TGTGATTGATCCAGAAAACAGAGATTCCCTGGGAGAGACTGACATAGACATTGCAACAGAAGACAAGTCC
 CCCGTGGATACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218324 representing NM_001037339
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MKEHGGTFSSTGISGGSGDSAMDSLQPLQPNYMPVCLFAEESYQKLAMETLEELDWCLDQLETIQTYRSV
 SEMASNKFKRMLNRELTHLSEMSRSGNQVSEYISNTFLDKQNDVEIPSPTQKDREKKKKQQLMTQISGVK
 KLMHSSSLNNTSISRFGVNTENEDHLAKELEDLNKWGLNIFNVAGYSHNRPLTCIMYAIQFQERDLLKTFR
 ISSDTFITYMMTLEDHYHSDVAYHNSLHAADVAQSTHVLLSTPALDAVFTDLEILAAIFAAAIHVDVHPG
 VSNQFLINTNSELALMYNDESVLENHHLAVGFKLLQEEHCDIFMNLTKKQRQTLRKMVIDMVLATDMSKH
 MSLADLKTMTVETKKVTSSGVLLLDNYTDRIQVLRNMVHCADLSNPTKSLELYRQWTDRIEMEEFFQQGDK
 ERERGMESPMCDKHTASVEKSQVGFIDYIVHPLWETWADLVQPDQDILDITLEDNRNWKSMIPQSPSP
 PLDEQNRCQGLMEKFQFELTLDEEDSEGPEKEGEGHSYFSSTKTLCVIDPENRDSLGETDIDIATEDKS
 PVDT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001037339

ORF Size:	1692 bp
Buffer:	PBS with 0.001% Pluronic F68
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_001037339.1
RefSeq Size:	3882 bp
RefSeq ORF:	1695 bp
Locus ID:	5142
UniProt ID:	Q07343
Cytogenetics:	1p31.3
MW:	64.2 kDa