

Product datasheet for **RC210912A1V**

Human PDE4 (PDE4B) (NM_001037341) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE4 (PDE4B) (NM_001037341) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE4B
Synonyms:	DPDE4; PDEIVB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC210912 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGAAAAGCAGGAGTGTGATGACGGTGATGGCTGATGATAATGTTAAAGATTATTTGAATGTAGCT
 TGAGTAAATCCTACAGTTCTTCCAGTAACACACTTGGGATCGACCTCTGGAGAGGGAGAAGGTGTTGCTC
 AGGAAACTTACAGTTACCACCACTGTCTCAAAGACAGAGTGAAAGGGCAAGGACTCCTGAGGGAGATGGT
 ATTTCCAGGCCGACCACACTGCCTTTGACAACGCTTCCAAGCATTGCTATTACAAGTGAAGCCAGGAGT
 GCTTTGATGTGAAAAATGGCCCTTCCCAGGTGCGAGTCCACTGGATCCCAGGCCAGCTCTTCCGCTGG
 GCTGGTACTTCACGCCACCTTCTGGGCACAGCCAGCGCAGAGAGTCATTTCTACAGATCAGACAGC
 GACTATGACTTGTACCAAAGGCGATGTCGAGAACTCTTCTCTTCCAAGCGAGCAACACGGCGATGACT
 TGATTGTAACCTCTTTTGGCCAGGTCTTGCCAGCTTGCGAAGTGTGAGAAACAACCTTCACTATACTGAC
 AAACCTTCATGTTACATCTAACAAGAGTCCCCAGCTGCTAGTCAGCCTCCTGTCTCCAGAGTCAACCCA
 CAAGAAGAATCTTATCAAAAATTAGCAATGGAACGCTGGAGGAATTAGACTGGTGTGTTAGACCAGCTAG
 AGACCATACAGACCTACCGGTCTGTCACTGAGATGGCTTCTAACAAGTTCAAAAGAATGTGAACCGGGA
 GCTGACACACCTCTCAGAGATGAGCCGATCAGGGAACCAAGGTGCTGAATACATTTCAAATACTTTCTTA
 GACAAGCAGAATGATGTGGAGATCCCATCTCTACCCAGAAAGACAGGGAGAAAAAGAAAAAGCAGCAGC
 TCATGACCCAGATAAGTGGAGTGAAGAAATTAATGCATAGTTCAAGCCTAAACAATAACAAGCATCTCAG
 CTTTGGAGTCAACACTGAAAAATGAAGATCACCTGGCCAAGGAGCTGGAAGACCTGAACAAATGGGGTCTT
 AACATCTTTAATGTGGCTGGATATTCTCACAATAGACCCTAACATGCATCATGTATGCTATATTCCAGG
 AAAGAGACCTCCTAAAGACATTCAGAATCTCATCTGACACATTTATAACCTACATGACTTTAGAAGA
 CCATTACCATTCTGACGTGGCATATCAACAACAGCCTGCACGCTGCTGATGTAGCCCACTGACCCATGTT
 CTCCTTTCTACACCAGCATTAGACGCTGTCTTACAGATTTGGAGATCCTGGCTGCCATTTTTCAGCTG
 CCATCCATGACGTTGATCATCTGGAGTCTCCAATCAGTTTCTCATCAACACAAAATTCAGAACTTGCTTT
 GATGTATAATGATGAATCTGTGTTGAAAAATCATCACCTTGCTGTGGGTTTCAAAGTCTGCAAGAAGAA
 CACTGTGACATCTTCATGAATCTACCAAGAAGCAGCGTCAGACACTCAGGAAGATGGTTATTGACATGG
 TGTTAGCAACTGATATGTCTAACATATGAGCCTGCTGGCAGACCTGAAGACAATGGTAGAAACGAAGAA
 AGTTACAAGTTCAGGCGTTCTTCTCCTAGACAACATATACCGATCGCATTAGGTCTTCGCAACATGGTA
 CACTGTGCAGACCTGAGCAACCCACCAAGTCTTGAATTGTATCGGCAATGGACAGACCGCATCATGG
 AGGAATTTTTCAGCAGGGAGACAAAGAGCGGGAGAGGGGAATGGAAATTAGCCCAATGTGTGATAAACA
 CACAGCTTCTGTGAAAAATCCCAGGTTGGTTTCATCGACTACATTGTCCATCCATTGTGGGAGACATGG
 GCAGATTTGGTACAGCCTGATGCTCAGGACATTCTCGATACCTTAGAAGATAACAGGAAGTGGTATCAGA
 GCATGATACCTCAAAGTCCCTCACCACCACTGGACGAGCAGAACAGGGACTGCCAGGGTCTGATGGAGAA
 GTTTCAGTTTGAAGTACTCTCGATGAGGAAGATTCTGAAGGACCTGAGAAGGAGGGAGAGGGACACAGC
 TATTTACAGCAGCACAAGACGCTTTGTGTGATTGATCCAGAAAACAGAGATTCCTGGGAGAGACTGACA
 TAGACATTGCAACAGAAGACAAGTCCCCGTGGATACA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210912 protein sequence Red=Cloning site Green=Tags(s) MKKSRSVMTVMADDNVKDYFECSLSKSYSSSSNTLGIDLWRGRRCCSGNLQLPPLSQRQSERARTPEGDG ISRPTTLPLTTLPSIAITTVSQECFDVENGPSGRSPDPQASSAGLVHATFPGHSQRRESFLYRSDS DYDLSPKAMSRNSSLPSEQHGDDLIVTPFAQVLASLRSVRNNFTILTNLHGTSNKRSPAASQPPVSRVNP QEESYQKLAMETLEELDWCLDQLETIQTYRSVSEMASNKFMRMLNRELTHLSEMSRSGNQVSEYISNTFL DKQNDVEIPSPQKDKREKKKKQQLMTQISGVKKLMHSSSLNNTSISRFGVNTENEDHLAKELEDLNKWL NIFNVAGYSHNRPLTCIMYAIQERDCLKFRISDFTITYMMTLEDHYHSDVAYHNSLHAADVAQSTHV LLSTPALDAVFTDLEILAAIFAAAIDVDHPGVSNQFLINTNSELALMYNDESLENHHLAVGFKLLQEE HCDIFMNLTKKQRQTLRKMVIDMVLATDMSKHMSLLADLKTMTVETKKVTSSGVLLLDNYTDRIQVLRNMV HCADLSNPTKSLELYRQWTDRIEMEEFFQQGDKERERGMEISPMCDKHTASVEKSQVGFIDYIVHPLWETW ADLVQPDADILDITLEDNRNWWYQSMIPQSPSPPLDEQNRDCQGLMEKFQFELTDEEDSEGPEKEGEGHS YFSSTKTLCTVIDPENRDSLGETDIDIATEDKSPVDT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001037341
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F6633
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_001037341.1, NP_001032418.1</u>
RefSeq Size:	4309 bp
RefSeq ORF:	2211 bp
Locus ID:	5142
UniProt ID:	<u>Q07343</u>
Cytogenetics:	1p31.3
MW:	83.3 kDa