

Product datasheet for **RC211956A1V**

Human PDE4 (PDE4B) (NM_002600) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE4 (PDE4B) (NM_002600) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE4B
Synonyms:	DPDE4; PDEIVB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC211956 representing NM_002600
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 CACAGCTTCTGTGAAAAATCCCAGGTTGGTTTCATCGACTACATTGTCCATCCATTGTGGGAGACATGG
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 GTTTCAGTTTGAAGTACTCTCGATGAGGAAGATTCTGAAGGACCTGAGAAGGAGGGAGAGGGACACAGC
 TATTTACAGCAGCACAAAGACGCTTTGTGTGATTGATCCAGAAAACAGAGATTCCCTGGGAGAGACTGACA
 TAGACATTGCAACAGAAGACAAGTCCCCGTGGATACA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211956 representing NM_002600 Red=Cloning site Green=Tags(s) MKKSRSVMTVMADDNVKDYFECSLSKSYSSSSNTLGIDLWRGRRCCSGNLQLPPLSQRQSERARTPEGDG ISRPTTLPLTTLPSIAITTVSQECFDVENGPSGRSPDPQASSAGLVHATFPGHSQRRESFLYRSDS DYDLSPKAMSRNSSLPSEQHGDDLIVTPFAQVLASLRSVRNNFTILTNLHGTSNKRSPAASQPPVSRVNP QEESYQKLAMETLEELDWCLDQLETIQTYRSVSEMASNKFMRMLNRELTHLSEMSRSGNQVSEYISNTFL DKQNDVEIPSPTQKDREKKKKQQLMTQISGVKKLMHSSSLNNTSISRFGVNTENEDHLAKELEDLNKWL NIFNVAGYSHNRPLTCIMYAIQERDLLKTRISSDTFITYMMTLEDHYHSDVAYHNSLHAADVAQSTHV LLSTPALDAVFTDLEILAAIFAAAIHVDVHPGVSNQFLINTNSELALMYNDESLENHHLAVGFKLLQEE HCDIFMNLTKKQRQTLRKMVIDMVLATDMSKMSLLADLKTMTVETKKVTSSGVLLLDNYTDRIQVLRNMV HCADLSNPTKSLELYRQWTDRIEEMFFQQGDKERERGMEISPMCDKHTASVEKSQVGFIDYIVHPLWETW ADLVQPDADILDITLEDNRNWWYQSMIPQSPSPPLDEQNRDCQGLMEKFQFELTLDEEDSEGPEKEGEGHS YFSSTKTLCTVIDPENRDSLGETDIDIATEDKSPVDT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002600
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F6811
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_002600.3</u>
RefSeq Size:	4264 bp
RefSeq ORF:	2211 bp
Locus ID:	5142
UniProt ID:	<u>Q07343</u>
Cytogenetics:	1p31.3
MW:	83.2 kDa