

Product datasheet for **RC222400A1V**

Human PDE11A (NM_001077197) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE11A (NM_001077197) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE11A
Synonyms:	PPNAD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222400 representing NM_001077197
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAAGCAGGCAAGAAGACCTTTATTCAGAAATGTGCTCAGTGCCACACAGTGGAAAAAGTGAAAA
 TCACAAGACTGGTCCAAATCTCTGGGGCCTCTTTGGCTGAAAAACAGGAAAAGCACCAGGATTTTCTTAT
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 TCACAGCTGCTCTCCGGATGTTGATGGAGCTGGGATGGTACAGAAATTTAAATTTGACTATGAGACACT
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 TTTTAGCGGTGATTGTGGGATGCCTGTGTGATGACCTCGACCACAGGGGAACCAACAATGCCTTCCAAGC
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 GCCGTGATGATCCTTCAAAGTGAGGGTCAACATATCTTTGCTAACCTGTCTCCAAGGAATATAGTGACC
 TTATGCAGCTTTTGAAGCAGTCAATATTGGCAACAGACCTCACGCTGTACTTTGAGAGGAGAAGTGAATT
 CTTTGAAGTGTGAGTAAAGGAGAATACGATTGGAACATCAAAAACCATCGTGATATATTTGATCAATG
 TTAATGACAGCCTGTGACCTTGGAGCCGTGACCAAACCGTGGGAGATCTCCAGACAGGTGGCAGAACTTG
 TAACCAGTGAGTTCTTGAACAAGGAGATCGGGAGAGATTAGAGCTCAAACCTCACTCCTTCAGCAATTTT
 TGATCGGAACCGGAAGGATGAAGTGCCTCGGTTGCAACTGGAGTGGATTGATAGCATCTGCATGCCTTTG
 TATCAGGCACTGGTGAAGGTCAACGTGAAAGTGAAGCCGATGCTAGATTCAGTAGCTACAAACAGAAAGTA
 AGTGGGAAGAGCTACACCAAAAACGACTGCTGGCTCACTGCCTCATCTCCCTGCCAGTGTTATGGT
 AGCCAAGGAAGACAGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222400 representing NM_001077197 Red=Cloning site Green=Tags(s) MLKQARRPLFRNVL SATQWKKVKITRLVQISGASLAEKQEKHQDFLIQRQTKTKDRRFNDEIDKL TGYKT KSLLCMPIRSSDGEIIGVAQAINKIPEGAPFTEDDEKVMQMYLPFCGIAISNAQLFAASRKEYERSRALL EVVNDLFEEQTDLEKIVKKIMHRAQTLLKCERCSVLLLEDIESPVVKFTKSFELMSPKCSADAENSFKES MEKSSYSDWLINNSIAELVASTGLPVNISDAYQDPRFDAEADQISGFHIRSVLCVPIWNSNHQIIGVAQV LNRLDGKPFDDADQRLFEAFVIFCGLGINNTIMYDQVKKSWAKQSVALDVL SYHATCSKAEVDKFAANI PLVSELAIDDIHFDDFSLDVDAMITAALRMFMELGMVQKFKIDYETLCRWLLTVRKNYRMVLYHNWRHAF NVCQLMFAMLTAGFQDILTEVEILAVIVGCLCHDL DHRGTNNAFQAKSGSALAQLYGT SATLEHHHFNH AVMILQSEGHNIFANLSSKEYSDLMQLLKQSILATDL TLYFERTEFFELVSKGEYDWNKINHRDIFRSM LMTACDLGAVTKPWEISRQVAELVTSEFFEQGDRELERLEKLTPSAIFDRNRKDEL PRLQLEWIDSICMPL YQALVKVNVKLKPM LDSVATNRSKWHEELHQRLLASTASSPASVMVAKEDRN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001077197
ORF Size:	2049 bp
Buffer:	PBS with 0.001% Pluronic F8502
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_001077197.1</u>
RefSeq Size:	8316 bp
RefSeq ORF:	2052 bp
Locus ID:	50940
UniProt ID:	<u>Q9HCR9</u>
Cytogenetics:	2q31.2
MW:	77.9 kDa