

Product datasheet for **RC217127A1V**

Human PDE9A (NM_001001578) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE9A (NM_001001578) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE9A
Synonyms:	HSPDE9A2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217127 representing NM_001001578
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGGATCCGGCTCCTCCAGCTACCGGCCAAGGCCATCTACCTGGACATCGATGGACGATTGAGAAGG
 AACACGACCATCTCCCTGCTGACCACGACGACGCCATGGTCTCCATCGACCCACCATGCCCGGAATT
 CAGAACGCACTCCGTACAAAGTGAGACCTGTGGCCATCAAGCAACTCTCCGAGCATTCAAAATCAATGAA
 CTGAAAGCTGAAGTTGCAAACTACTTGGCTGTCTAGAGAAACGCGTGGAATTGGAAGGACTAAAAGTGG
 TGGAGATTGAGAAATGCAAGAGTGACATTAAGAAGATGAGGGAGGAGCTGGCGGCCAGAAGCAGCAGGAC
 CAACTGCCCTGTAAGTACAGTTTTTTGGATAACCACAAGAAGTTGACTCCTCGACGCGATGTTCCCACT
 TACCCCAAGTACCTGCTCTCTCCAGAGACCATCGAGGCCCTGCGGAAGCCGACCTTTGACGTCTGGCTTT
 GGGAGCCCAATGAGATGCTGAGCTGCCTGGAGCAGATGTACCACGACCTCGGGCTGGTCAAGGACTTCAG
 CATCAACCCTGTCAACCTCAGGAGGTGGCTGTTCTGCGTCCACGACAACCTACAGAAACAACCCCTCCAC
 AACTTCGGGCACTGCTTCTGCGTGGCCAGATGATGTACAGCATGGTCTGGCTCTGCAGTCTCCAGGAGA
 AGTTCTCACAACCGATATCCTGATCCTAATGACAGCGGCCATCTGCCACGATCTGGACCATCCCGGCTA
 CAACAACACGTACCAGATCAATGCCCGCACAGAGCTGGCGGTCCGCTACAATGACATCTCACCCTGGAG
 AACCACCACTGCGCCGTGGCCTTCCAGATCCTCGCCGAGCCTGAGTGCAACATCTTCTCCAACATCCAC
 CTGATGGGTTCAGCAGATCCGACAGGGAATGATCACATTAATCTTGGCCACTGACATGGCAAGACATGC
 AGAAATTATGGATTCTTTCAAAGAGAAAATGGAGAATTTTACTACAGCAACGAGGAGCAGATGACCCTG
 CTGAAGATGATTTTATAAATGCTGTGATATCTTAACGAGGTCCGTCCAATGGAAGTCGACAGGCCTT
 GGGTGGACTGTTTATTAGAGGAATATTTATGCAGAGCGACCGTGAGAAGTCAGAAGGCCTTCTGTGGC
 ACCGTTTATGGACCGAGACAAAGTGACCAAGGCCACAGCCAGATTGGGTTTATCAAGTTTGTCTGATC
 CCAATGTTTGAACAGTGACCAAGCTCTTCCCATGGTTGAGGAGATCATGCTGCAGCCACTTTGGGAAT
 CCCGAGATCGCTACGAGGAGCTGAAGCGGATAGATGACGCCATGAAAGAGTTACAGAAGAAGACTGACAG
 CTTGACGTCTGGGGCCACCGAGAAGTCCAGAGAGAGAAGCAGAGATGTGAAAACAGTGAAGGAGACTGT
 GCC

ACGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217127 representing NM_001001578
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MGSGSSSYRPKAIYLDIDGRIQKEHDHLPADHRRRHGLHRPHHAREFRTHSVQSETCGHQATLRAFKINE
 LKAEVANHLAVLEKRVELEGLKVVEIEKCKSDIKMREELAARSSRTNCPCKYSFLDNHKKLTTPRRDVPT
 YPKYLLSPETIEALRKPTFDVWLWEPNEMLSCLEHMYHDLGLVRDFSINPVTLRRWLCVVDNRYRNNPFH
 NFRHCFCAQMMYSMVWLCSLQEKFSQTDILILMTAAICHDLDPGYNNYQINARTELAVRYNDISPLE
 NHHCAVAFQILAEPECNIFSNIPPDGFKQIRQGMITLILATDMARHAEIMDSFKEKMFNFDYSNEEHMTL
 LKMILIKCCDISNEVRPMEVAEPWVDCLLEEYFMQSDREKSEGLPVAPFMDRDVTKATAQIGFIKFLVI
 PMFETVTKLFPMVEEIMLQPLWESRDREELKRIDDAMKELQKKTDSLTSGATEKSRERSRDVKNSEGDC
 A

TRRLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001001578

ORF Size:

1473 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:	<u>NM_001001578.1</u> , <u>NP_001001578.1</u>
RefSeq Size:	1797 bp
RefSeq ORF:	1476 bp
Locus ID:	5152
UniProt ID:	<u>O76083</u>
Cytogenetics:	21q22.3
MW:	57.2 kDa