

Product datasheet for **RC228571A1V**

Human PDE4D (NM_001165899) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE4D (NM_001165899) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE4D
Synonyms:	ACRDYS2; DPDE3; HSPDE4D; PDE4DN2; PDE43; STRK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC228571 representing NM_001165899
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAAGAAATACCTGTGATTTGCTTTCTCGGAGCAAAAGTGCCTCTGAGGAAACACTACATTCCAGTA
 ATGAAGAGGAAGACCCTTTCCGCGGAATGGAACCTATCTTGTCGGAGACTTTTCATGTGCAATATTCA
 GCTTCCCCCTCTCGCCTTCAGACAGTTGGAACAAGCTGACTTGAAAAGTGAATCAGAGAATTCAACGA
 CCAACCAGCCTCCCCCTGAAGATTCTGCCGCTGATTGCTATCACTTCTGCAGAATCCAGTGGTTTTGATG
 TGGACAATGGCACATCTCGGGACGGAGTCCCTGGATCCCATGACCAGCCCAGGATCCGGGCTAATTCT
 CCAAGCAAATTTGTCCACAGTCAACGACGGGAGTCTTCTGTATCGATCCGACAGCGATTATGACCTC
 TCTCAAAGTCTATGTCCCGAACTCTCCATTGCCAGTGATATACACGGAGATGACTTGATTGTGACTC
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 AAGGAGACCGAGAGAGGGAACGTGGCATGGAGATAAGCCCCATGTGTGACAAGCAATGCTTCCGTGGA
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 CCTGACGCCCAGGATATTTTGGACACTTTGGAGGACAATCGTGAATGGTACCAGAGCACAATCCCTCAGA
 GCCCCTCTCTGCACCTGATGACCCAGAGGAGGGCCGGCAGGGTCAAACCTGAGAAATTCAGTTTGAAC
 AACTTTAGAGGAAGATGGTGAGTCAGACACGGAAGGACAGTGGCAGTCAAGTGAAGAAGACACTAGC
 TGCAGTGACTCCAAGACTCTTTGTACTCAAGACTCAGAGTCTACTGAAATTCCTTGTGTAACAGGTTG
 AAGAGGAGGCAGTAGGGGAAGAAGAGGAAAGCCAGCCTGAAGCCTGTGTCATAGATGATCGTTCTCCTGA
 CACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC228571 representing NM_001165899 Red=Cloning site Green=Tags(s) MKRNTCDLLSRKSASEETLHSSNEEDPFRGMEPYLVRRLSCRNIQLPPLAFRQLEQADLKSESENIQR PTSPLPLKILPLIAITSAESSGFDVNGTSAGRSPLDPMTSPGSGILQANFVHSQRRESFLYRSDSDYDL SPKSMSRNSSIASDIHGDDLIVTPFAQVLASLRTVRRNFALTNLQDRAPSKRSPMCNQPSINKATITEE AYQKLASETLEELDWCDDQLETLQTRHSVSEMASNKFKRMLNRELTHLSEMSRSGNQVSEFISNTFLDKQ HEVEIPSPPTQKEKEKKRPMQISGVKKLMHSSSLTNSSIPRFGVKTEQEDVLAKLEDVNKWLHVFR AELSGNRPLTVIMHTIFQERDLLKTFKIPVDTLITYLMTLEDHYHADVAYHNNIHAADVQSTHVLLSTP ALEAVFTDLEILAAIFASAIHVDVHPGVSQFLINTNSELALMYNDSSVLENHHLAVGFKLLQEENCDF QNLTKKQRQSLRKMVIDIVLATDMSKHMNLLADLKTMTVETKKVTSSGVLLLDNYSRIQVLQNMVHCADL SNPTKPLQLYRQWTDRIEEMFFRQGDREERGMESPMCDKHNASVEKSQVGFIDYIVHPLWETWADLVH PDAQDILDLTLEDNREWYQSTIPQSPSPAPDDPEEGRQGTQTEKFQFELTLEEDGESDTEKDSGSQVEEDTS CDSKTLCTQDSESTEIPLDEQVEEEAVGEEESQPEACVIDDRSPDT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001165899
ORF Size:	2244 bp
Buffer:	PBS with 0.001% Pluronic F9509
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_001165899.1</u>
RefSeq ORF:	2247 bp
Locus ID:	5144
UniProt ID:	<u>Q08499</u>
Cytogenetics:	5q11.2-q12.1
MW:	84.5 kDa