

Product datasheet for **RC238396A1V**

Human PPP2R5E (NM_001282179) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPP2R5E (NM_001282179) AAV Particle
Tag:	Myc-DDK
Symbol:	PPP2R5E
Synonyms:	B56E; B56epsilon
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC238396 representing NM_001282179
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCAGCACCACTACTCCTCCATCAGTGGATAAAGTAGACGGATTTTCTCGGAAGTCGTCAGAA
 AAGCCAGACAGAAGAGGTCGCAAAGTTCTCACAGTTTAGGTCTCAAGGCAAGCCTATTGAGTTAACACC
 TCTGCCGCTGCTAAAAGACGTTCCATCCTCAGAGCAGCCTGAAGTGTCTAAAGAACTTCAGCAGTGC
 TGTGTCATTTTGAATTCATGGACACGCTATCTGATCTTAAATGAAAGAATACAAGCGCTCCACTCTTA
 ATGAACTGGTGGACTACATTACAATAAGCAGAGGCTGTTTACAGAGCAGACTTACCCTGAAGTAGTTAG
 AATGGTATCTTGAATATATTCAGAACTCTCCCTCCTAGTGACAGCAATGAATTTGATCCAGAAGAAGAT
 GAACCTACCCTTGAGGCATCGTGGCCACACTTACAGCTTGATATGAATTTTTCATACGATTTTGGAAA
 GCCAAGAATTCCAACCCAGCATTGCCAAAAATATATAGATCAGAAATTTGTATTACAGCTTCTGGAGCT
 ATTTGACAGCGAAGACCCTCGGGAACGGGACTACTTAAAAACAGTCTTACACAGAATTTATGGCAAGTTT
 CTTGGTCTTAGAGCATTTATCCGAAAACAGATTACAATATTTTCTAAGGTTTGTATTGAAACAGAAC
 ACTTCAATGGTGTAGCTGAAGTCTGGAATATTAGGAAGTATTCAATGGCTTTGCTTACCTCTTAA
 GGCAGAACACAAACAGTTTCTGGTGAAAGTATTGATCCCTTTACACACTGTCCAGGAGCTTATCACTCTTC
 CATGCACAGCTGGCATATTGTATAGTACAGTTTCTGGAGAAAGATCCTTCACTCACAGAACCAAGTTATTA
 GGGGGTTAATGAAATTTTGGCCTAAAACATGTAGTCAAAAAGAGGTGATGTTCTTGGGGAAGTGAAGA
 AATATTGGATGTGATTGAACCTTCACATTTGTTAAAAATCCAAGAACCTTTGTTTAAACAATCGCCAAG
 TGTGTATCTAGCCCCATTTTTCAGGTGGCAGAAAGAGCACTCTATTATTGGAATAATGAATACATCATGA
 GTTTGATAGAAGAACTCTAACGTATCCTTCCATCATGTTTCCAGCCTTTATAGGATTTCAAAAAGA
 ACATTGGAATCCGGCTATTGTGGCGTTGGTGTACAATGTGTTGAAGGCATTTATGGAAATGAACAGCACC
 ATGTTTACAGCTGACAGCCACATACAGTCAGATCGTCAGCGTGAGAAAAAGAAAGAAAGGAGCGTG
 AAGAATTGTGGAAGAAATTGGAGGATCTGGAGTTAAAGAGAGGTCTTAGACGTGATGGAATAATTCCAAC
 T

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238396 representing NM_001282179
 Red=Cloning site Green=Tags(s)

MSSAPTPPSVDKVDGFSRKSVRKARQKRSQSSSQFRSQGKPIELTPLLLKDVPSSEQPELFLKKLQQC
 CVIFDFMDTSLDKMKEYKRSTLNELVDYITISRGCLTEQTYPEVVRMVSCNIFRTLPPSDSNEFDPEED
 EPTLEASWPHLQLVYEFFIRFLESQEFQPSIAKKYIDQKFLVQLLELFDSEDPRERDYLKTVLHRIYGF
 LGLRAFIRKQINNIFLRFVYETEHFNGVAELLEILGSIINGFALPLKAEHKQFLVKVLIPLHTVRSLSLF
 HAQLAYCIVQFLEKPSLTPVIRGLMKFWPKTCSQKEVMFLGELEEILDVIEPSQFVKIQEPLFKQIAK
 CVSSPHFQVAERALYYWNEYIMSLIEENSNVILPIMFSSLYRISKEHWNPAIVALVYNVLKAFMEMNST
 MFDELATYKSDRQREKKKEEREELWKKLEDELKRLRRDGIPT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001282179

ORF Size:

1401 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_001282179.1, NP_001269108.1</u>
RefSeq Size:	4120 bp
RefSeq ORF:	1404 bp
Locus ID:	5529
UniProt ID:	<u>Q16537</u>
Cytogenetics:	14q23.2
MW:	54.7 kDa