

Product datasheet for **RC202938A1V**

Human AMPD2 (NM_139156) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AMPD2 (NM_139156) AAV Particle
Tag:	Myc-DDK
Symbol:	AMPD2
Synonyms:	PCH9; SPG63
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202938 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCAGAGGCTCGGGGTGGTCTGGGGGCCCTCCGCTGCAGTCTGCCCAGTCCCTGCCGGGCCCCG
 CCCCCTGCCTCAAGCACTTCCCGCTCGACCTGCCACGCTATGGATGGCAAATGCAAGGAGATCGCCGA
 GGAGCTGTTACCCGCTCACTGGCTGAGAGCGAGCTCCGTAGTCCCCGTATGAGTTCCCGAGGAGAGC
 CCCATTGAACAGCTGGAGGAGCGGCGGAGCGGCTGGAGCGGCAGATCAGCCAGGATGTCAAGCTGGAGC
 CAGACATCCTGCTTCGGGCCAAGCAAGATTTCTGAAGACGGACAGTGACTCGGACCTACAGCTCTACAA
 GGAACAGGGTGAGGGGAGGGTGACCGGAGCCTGCGGGAGCGTGATGTGCTGGAACGGGAGTTTCAGCGG
 GTCACCATCTCTGGGAGGAGAAGTGTGGGTGCCGTTACAGACCTGCTGGATGCAGCAAGAGTGTGG
 TGCGGGCGCTCTTCATCCGGGAGAAGTACATGGCCCTGTCCCTGCAGAGCTTCTGCCCCACCCGCCG
 CTACCTGCAGCAGCTGGCTGAAAAGCCTCTGGAGACCCGACCTATGAACAGGGCCCCGACACCCCTGTG
 TCTGCTGATGCCCCGGTGACCCCCCTGCGCTGGAGCAGCACCCGTATGAGCACTGTGAGCCAAGCACCA
 TGCCTGGGGACCTGGGCTTGGGTCTGCGCATGGTGCGGGTGTGGTGCACGTCTACACCCGAGGGAACC
 CGACGAGCATTGCTCAGAGGTGGAGTGCCATACCCTGACCTGCAGGAATTTGTGGTGACGTCAATGTG
 CTGATGGCCCTGATTATCAATGGCCCCATAAAGTATTCTGCTACCGCCGGCTGCAGTACCTGAGCTCCA
 AGTTCAGATGCATGTGCTACTCAATGAGATGAAGGAGCTGGCCGCCAGAAGAAAGTGCCACACCGAGA
 TTTCTACAACATCCGAAGGTGGACACCCACATCCATGCCTCGTCCTGCATGAACCAGAAGCATCTGCTG
 CGCTTCATCAAGCGGGCAATGAAGCGGCACCTGGAGGAGATCGTGACGTGGAGCAGGGCCGTGAACAGA
 CGCTGCGGGAGGTCTTTGAGAGCATGAATCTCACGGCCTACGACCTGAGTGTGGACACGTGGATGTGCA
 TGCGGACAGGAACACTTTCCATCGCTTTGACAAGTTTAATGCCAAATACAACCCTATTGGGGAGTCCGTC
 CTCCGAGAGATCTTCATCAAGACGGACAACAGGGTATCTGGGAAGTACTTTGCTCACATCATCAAGGAGG
 TGATGTGACACCTGGAGGAGAGCAAATACCAGAATGCAGAGCTGCGGCTCTCCATTTACGGGCGCTCGAG
 GGATGAGTGGGACAAGCTGGCGCGCTGGGCCGTATGCACCGCTGCACTCCCCAACGTGCGTGGCTG
 GTGCAGGTGCCCCGCTCTTTGATGTGTACCGTACCAAGGGCCAGCTGGCCAATTCCAGGAGATGCTGG
 AGAACATCTTCTGCCACTGTTTCGAGGCCACTGTGCACCCTGCCAGCCACCCGGAAGTGCATCTCTTCTT
 AGAGCACGTGGATGGTTTTGACAGCGTGGATGATGAGTCCAAGCCTGAAAACCATGTCTTCAACCTGGAG
 AGCCCCCTGCCTGAGGCGTGGGTGGAGGAGACAACCCACCCTATGCCTACTACCTGTACTACACCTTTG
 CCAACATGGCCATGTTGAACCACCTGCGCAGGCAGAGGGGCTTCACACGTTTGTGCTGAGGCCACACTG
 TGGGGAGGCTGGGCCATCCACCACCTGGTGTACGCTTCATGCTGGCTGAGAACATTTCCACGGGCTC
 CTTCTGCGCAAGGCCCGCTCCTGCAGTACCTGTACTACCTGGCCCAGATCGGCATCGCCATGTCTCCGC
 TCAGCAACAACAGCCTCTTCTCAGCTATCACCAGGAATCCGCTACCGGAGTACCTGTCCCGCGGCCTCAT
 GGTCTCCCTGTCCACTGATGATCCCTTGCACTTCCACTTACCAAGGAGCCGCTGATGGAGGAGTACAGC
 ATCGCCACCCAGGTGTGGAAGCTCAGCTCCTGCGATATGTGTGAGCTGGCCGCAACAGCGTGCTCATGA
 GCGGCTTCTCGACAAGGTAAGAGCCACTGGCTGGGACCAACTATACCAAGGAAGGCCCTGAGGGGAA
 TGACATCCGCCGACCAATGTGCCAGACATCCGCGTGGGCTACCGCTACGAGACCCTGTGCCAGGAGCTG
 GCGCTCATCACGAGGCAGTCCAGAGTGAGATGCTGGAGACCATTCCAGAGGAGCGGGTATCACCATGA
 GCCCAGGGCCTCAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202938 protein sequence Red=Cloning site Green=Tags(s) MASEARGGLGAPPLQSARSLPGPAPCLKHFPLDLRTSMDGKCKEIAEELFTRSLAESELRSAPYEFPEES PIEQLEERRQRLERQISQDVKLEPDILLRAKQDFLKTDSDDLQLYKEQGEGQDRSLRERDVLEREFQR VTISGEEKCGVPFTDLLDAKSVVRALFIREKYMALSLQSFCTTTRYLQQLAEKPLETRTYEQGPDPV SADAPVHPPALEQHPIYEHCEPSTMPGDLGLGLRMVRGVVHVYTRREPDEHCSEVELPYDQLQEFVADVNV LMALIINGPIKSFQYRRLQYLSSKFQMHVLLNEMKELAAQKKVPHRDFYNIRKVDTHIHASSCMNQKHL RFIKRAMKRHLEEVHVEQGREGTLREVFESMNLTAIDLSDVTLVDHADRNTFHRFDKFNAYNPIGESV LREIFIKTDNRVSGKYFAHIIKEVMSDLEESKYQNAELRLSIYGRSRDEWDKLARWAVMHRVHSPNVRWL VQVPRLFDVYRTKQLANFQEMLENIFLPLFEATVHPASHPELHLFLEHVDGFDSDDESKPENHVFNLE SPLPEAWVEEDNPPYAYLYYTFANMAMLNHLRRQGFHTFVLRPHCGEAGPIIHLVSAFMAENISHGL LLRKAPVLQYLYLAQIGIAMSPLSNNSLFLSYHRNPLPEYLSRGLMVSLLSTDDPLQHFHFTKEPLMEEYS IATQVWKLSSCDMCELARNSVLSGFSHKVKSHWLGPNYTKEGPEGNDIRRTNVPDIRVGYRYETLCQEL ALITQAVQSEMLETIPEEAGITMSPGPQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_139156
ORF Size:	2394 bp
Buffer:	PBS with 0.001% Pluronic F5384
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_139156.2</u>
RefSeq Size:	3785 bp
RefSeq ORF:	2397 bp
Locus ID:	271
UniProt ID:	<u>Q01433</u>
Cytogenetics:	1p13.3
MW:	92.1 kDa