

Product datasheet for **RC204570A1V**

Human PPWD1 (NM_015342) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPWD1 (NM_015342) AAV Particle
Tag:	Myc-DDK
Symbol:	PPWD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204570 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGCGGAAAGTGGTAGCGATTTTCAGCAGAGACGTAGAAGGCGCCGGGACCCGGAGGAACCGGAAA
AAACAGAACTCAGCGAAAGAGAGCTGGCAGTAGCAGTGGCGGTGTCCAGGAGAACGATGAGGAGAACGA
AGAGCGCTGGGTGGACCTTTACCTGTGGAGGCAACACTGGCCAAGAAGAGGAAAAGTCTTAGAGTTTGAA
AGAGTCTATCTTGATAATCTCCCAAGTGCATCCATGTATGAGCGCAGTTACATGCATAGAGATGTTATCA
CCCATGTGGTATGCACAAAACAGATTTTATTATTACTGCCAGTCATGATGGACATGTCAAGTTCTGGAA
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GATAACCGCCACTTCATATTTTGACAACTCCATACATCACCTCTTACTCAGATACGGCTAAACCCAG
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TCGGACAGTGCCATTATCCACACCAGCATGGGAGACATTCACACCAAATTTTCTGTTGAGTGCCTTA
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TAAGGGCTTTATGATTCAGACTGGAGATCCAACAGGTACTGGTATGGGAGGAGAAAGCATATGGGGAGGA
GAATTTGAAGATGAATTTCAATCAACATTACGACATGACAGGCCGTACACACTCAGCATGGCTAACGCGG
GATCAAATACTAATGGATCCCAGTTTTTCATAACGGTAGTACCAACGCCTTGGCTTGATAATAAGCATAAC
AGTATTTGGACGAGTGACTAAAGGAATGGAAGTTGTACAGAGGATCTCCAACGTCAAAGTCAATCCCAAA
ACAGATAAGCCCTATGAGGATGTCAGCATCATAAATTTACTGTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204570 protein sequence Red=Cloning site Green=Tags(s) MAAESGSDFQRRRRRRDPEEPEKTELSERELAVAVAVSQENDEENEERWVGPLPVEATLAKKRKVLFE RVYLDNLPASMYERSYMRDVITHVCTKTDFIITASHDGHVKFWKKIEEGIEFVKHFRSHLGVIIESIA VSSEGALFCSVGDDKAMKVFDDVNFDMINMLKLGYPGQCEWIYCPGDAISSVAASEKSTGKIFIYDGRG DNQPLHIFDKLHTSPLTQIRLNPVYKAVVSSDKSGMIEYWTGPPHEYKFPKNVNWYKTDLDLYEFAKCK AYPTSVCFSPDGKKIATIGSDRKVRIFRFVTGKLMRVFDESLSMFTLQQMRQQLPDMEFGRRMAVEREL EKVDAVRLINIVFDETGHFVLYGTMLGIKVINVETNRCVRILGKQENIRVMQLALFQGIAKKHRAATTIE MKASENPVLQNIQADPTIVCTSFKNRFYMFYTKREPEDTKSADSDRDVFNEKPSKEEVMAATQAEQPKRV SDSAIIHTSMGDIHTKLPVECPKTVENFCVHSRNGYYNGHTFHRIIKGFMIIQTGDPTGTGMGGESIWGG EFEDEFHSTLRHDPYTLSMANAGSNTNGSQFFITVVPTPWLDNKHTVFGRVTKGMEVVQRISNVKVNPK TDKPYEDVSIINITVK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015342
ORF Size:	1938 bp
Buffer:	PBS with 0.001% Pluronic F5593
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_015342.1, NP_056157.1</u>
RefSeq Size:	2186 bp
RefSeq ORF:	1941 bp
Locus ID:	23398
UniProt ID:	<u>Q96BP3</u>
Cytogenetics:	5q12.3
MW:	73.6 kDa