

Product datasheet for **RC216972A1V**

Human Plakophilin 1 (PKP1) (NM_001005337) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Plakophilin 1 (PKP1) (NM_001005337) AAV Particle
Tag:	Myc-DDK
Symbol:	PKP1
Synonyms:	B6P; EDSFS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216972 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCACTCGCCGCTCAAGACCGCCTTGGCGTACGAATGCTTCCAGGACCAGGACAACCTCCACGTTGG
CTTTGCCGTCGGACCAAAAGATGAAAACAGGCAGTCTGGCAGGCAGCGCTGCAGGAGCAGGTGATGAT
GACCGTCAAGCGGCAGAAAGTCCAAGTCTTCCAGTCTGACCCCTGAGCCACTCCAATCGAGTTCCATG
TATGATGGCTTGGCTGACAATTACAATATGGGACCACCAGCAGGAGCAGCTACTACTCCAAGTTCCAGG
CAGGGAATGGCTCATGGGATATCCGATCTACAATGGAACCTCAAGCGGGAGCCTGACAACAGGCGCTT
CAGTCTCTACAGCCAGATGGAGAACTGGAGCCGCGCACTACCCCGGGGAGCTGTAAACACCACCGCGCA
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AGATCTGCAGTGAGGACATCGAGTGCAGTGGGTGACCATCCCCAAGGCTGTGCAGTACCTGAGTCCCCA
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GCCGCTGTGACGACAAGTCTGTGGAAGTGCATGTGTGTTCTGCACAACCTCTCCTACCGCCTGGACGC
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GAGCAAGAAAGATGCTACCTGGAGGCCTGTGCTGGTGCCTGCAGAACCTGACAGCCAGCAAGGGGCTG
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AATCTGGCAACTCTGATGTGGTGCAGTCCGGAGCCTCCCTCCTGAGCAACATGTCCCGCCACCCTCTGCT
GCACAGAGTGTGGGAACCAAGTGTTCGGGAGGTGACCAGGCTCCTACCAAGCCAACTGGCAATACC
AGCAACTCCGAAGACATCTTGTCTCGGCCTGTACACTGTGAGGAACCTGATGGCTCGCAGCCACAAC
TGGCAAGCAGTACTTCTCCAGCAGCATGCTCAACAACATCATCAACCTGTGCCGAAGCAGTGCCCTACC
CAAGGCCGAGAAAGTGGCCGGCTTCTCCTGTCTGACATGTGGTCCAGCAAGGAAGTGCAGGGTGTCTC
AGACAGCAAGGTTTCGATAGGAACATGCTGGGAACCTTAGCTGGGGCCAAACAGCCTCAGGAACCTCACCT
CCCGATT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216972 protein sequence Red=Cloning site Green=Tags(s) MNHSPLKTALAYECFQDQDNSTLALPSDQKMKGTSGRQVRVQEQVMMTVKRQKSKSSQSSTLSHSNRGSM YDGLADNYNYGTTSSRSYYSKFQAGNGSWGYPYINGTLKREPDRRFSSYSQMENWSRHYPRGSCNTTGA GSDICFMQKIKASRSEPDLYCDPRGTLRKGTLGSKGQKTTQNRYSFYSTCSGQKAIKKCPVRPPSCASKQ DPVYIPPIISCNKDL SFGHSRASSKICSEDI EC SGLTIPKAVQYLSSQDEKYQAIGAYYI QHTCFQDESAK QQVYQLGGICKLVDLLRSPNQNVQAAAGALRNLVFRSTTNKLETRRQNGIREAVSLLRRRTGNAEIQKQL TGLLWNLSSSTDELKEELIADALPVLADRVII PFSGWCDGNSNMSREVVDPEVFFNATGCLRNLSSADAGR QTM RNYSGLIDSLMAYVQNCVAASRCDDKSVENCMCVLHNL SYRLDAEVPTRYRQLEYNARNAYTEKSST GCF SNKSDKMMNNNYDCPLPEEETNPKGSGWL YHSDAIRTYLNL MGKSKKDATLEACAGALQNL TASKGL MSSGMSQLIGLKEKGLPQIARLLQSGNSDVVRSGASLLSNMSRHPLLRVGMGNQVFPEVTRLLTSHTGNT SNSEDILSSACYTVRNLMASQPLAKQYFSSMLNNIINLCRSSASPKAAEAARLLLSDMWSSKELQGVLR QQGFDRNMLGLTAGANSLRNFTSRF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001005337
ORF Size:	2178 bp
Buffer:	PBS with 0.001% Pluronic F7626
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_001005337.1</u>
RefSeq Size:	5384 bp
RefSeq ORF:	2181 bp
Locus ID:	5317
UniProt ID:	<u>Q13835</u>
Cytogenetics:	1q32.1
MW:	80.5 kDa