

Product datasheet for **RC201001A1V**

Human Plakophilin 3 (PKP3) (NM_007183) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Plakophilin 3 (PKP3) (NM_007183) AAV Particle
Tag:	Myc-DDK
Symbol:	PKP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201001 representing NM_007183
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGACGGTAACCTCCTGCTGTCGGCCCTGCAGCCTGAGGCCGGCGTGTGCTCCCTGGCGCTGCCCT
 CTGACCTGCAGCTGGACCGCGGGCGCCGAGGGGCCGAGGCCGAGCGCTGCGGGCAGCCCGCTCCA
 GGAGCAGGTCCGCGCCCGCTCTTGAGCTGGGACAGCAGCCGCGGCACAACGGGGCCGCTGAGCCCGAG
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 GCTCTCAGGGCCTGAGTGGGGACAAGACCTCGGGCTTCCGGCCATCGCCAAGCCGGCTACAGCCAGC
 CTCCTGGTCTCCCGCTCCGCCGTGGATCTGAGCTGCAGTCGGAGGCTGAGTTACGCCACAACGGGGG
 AGCGCCTTTGGGGCCGCTGGGTACGGGGTGCCAGCCACCCCTCCATGCCACCAGGCCCGTGTCT
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 AGGGCCTTTGCGTACGAGCGCCAGGCCAGCTCCAGCTCCAGCCGGGAGGGGGCTGGACTGGCCCGAGG
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 GCCACTCGCCAGAAGATGCGGGAGTGCCACGGGCTGGTGGACGCCCTGGTCACCTCTATCAACCACGCC
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 CCGATGCGCTACCTTCGCGGAGGTGTCCAAGGACCCCAAGGGCTCGAGTGGCTGTGGAGCCCCAGAT
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 GCGCTGCAGAACATCACGGCAGGCGACCGCAGGTGGGCGGGGTGCTGAGCCGCTGGCCCTGGAGCAGG
 AGCGTATTCTGAACCCCTGCTAGACCGTGTGAGGACCGCCGACCACACAGCTGCGCTCACTGACTGG
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 ATCGAGAAGCTGCCGGGAGCGTGGGTGAGAAGTCGCCCCAGCCGAGGTGCTGGTCAACATCATAGCTG
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 GCTCATCTTCATCAAGAAGAAGCGGGACAGCCCCGACAGTGAGAAGTCCTCCGGGACGATCCAGCCTC
 CTGGCCAACCTGTGGCAGTACAACAAGTCCACCGTGAATTCGGGGCAAGGGCTATCGGAAGGAGGACT
 TCCTGGGCCCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201001 representing NM_007183 Red=Cloning site Green=Tags(s) MQDGNFLLSALQPEAGVCSLALPSDLQLDRGAEGPEAERLRAARVQEQVRARLLQLGQQPRHNGAAEPE PEAETARGETSRGQYHTLQAGFSSRSQGLSGDKTSGFRPIAKPAYSPASWSSRSAVDLSCSRRLSSAHNGG SAFGAAGYGGAQPTPPMPTRPVSFHERGGVGSRADYDTLSLRSLRLGPGGLDDRYSLVSEQLEPAATSTY RAFAYERQASSSSRAGGLDWPEATEVSPSRTIRAPAVRTLQRFQSSHRSRGVGGAVPGAVLEPVARAPS VRSLSLSLADSGHLDPVHGFNSYSGSHRTLQRLSSGFDDIDLPSAVKYLMA SDPNLQVLGAAYIQHKCYSD AAAKKQARSLQAVPRLVKLFNHANQEVQRHATGAMRNLIYDNADNKLALVEENGIFELLRTLREQDDEL KNVTGILWNLSSDHLKDRLARDTLEQLTDLVLSPLSGAGGPPLIQQNAEAEIFYNATGFLRNLSSASQ ATRQKMRECHGLVDALVTSINHALDAGKCEDKSVENAVCVLRNLSYRLYDEMPPSALQRLEGRGRDLAG APPGEVVGCFTPQSRRLRELPLAADALTFAEVSKDPKGLEWLWSPQIVGLYNRLQLRCELNRHTTEAAAG ALQNTAGDRRWAGVLSRLALEQERILNPLLDVRTADHHQLRSLTGLIRNLSRNARNKDEMSTKVVSHL IEKLPGSVGEKSPPAEVLVNI IAVLNNLVVASPIAARDLLYFDGLRKLIFIKKKRDSPEKSSRAASSL LANLWQYNKLHRDFRAKGYRKEDFLGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007183
ORF Size:	2391 bp
Buffer:	PBS with 0.001% Pluronic F5151
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_007183.2, NP_009114.1</u>
RefSeq Size:	2845 bp
RefSeq ORF:	2394 bp
Locus ID:	11187
UniProt ID:	<u>Q9Y446</u>
Cytogenetics:	11p15.5
MW:	86.9 kDa