

Product datasheet for **RC201141A1V**

Human PRC1 (NM_003981) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRC1 (NM_003981) AAV Particle
Tag:	Myc-DDK
Symbol:	PRC1
Synonyms:	ASE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201141 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGGAGAAGTGAGGTGCTGGCGGAGGAGTCCATAGTATGTCTGCAGAAAGCCCTAAATCACCTTCGGG
 AAATATGGGAGCTAATTGGGATTCCAGAGGACCAGCGTTACAAAGAAGTGAAGTGGTAAAGAAGCATAT
 CAAGGAACTCCTGGATATGATGATTGCTGAAGAGGAAAGCCTGAAGGAAAGACTCATCAAAGCATATCC
 GTCTGTGCAGAAAGAGCTGAACACTCTGTGCAGCGAGTTACATGTTGAGCCATTTTCAGGAAGAAGGAGAGA
 CAACCATCTTGCAACTAGAAAAAGATTTGCGCACCCCAAGTGAATTGATGCGAAAAACAGAAAAAGGAGAG
 AAAACAGGAACTGAAGCTACTTCAAGAGCAAGATCAAGAACTGTGCGAAATTTCTTGTATGCCCCACTAT
 GATATTGACAGTGCTCAGTGCCAGCTTAGAAGAGCTGAACCAAGTTCAGGCAACATGTGACAACTTTGA
 GGGAAACAAAGGCTTCTAGGCGTGAGGAGTTTGTAGTATAAAGAGACAGATCATACTGTGTATGGAAGA
 ATTAGACCACACCCAGACACAAGCTTTGAAAGAGATGTGGTGTGTGAAGACGAAGATGCCTTTTGTGTTG
 TCTTTGGAGAATATTGCAACACTACAAAGTTGCTACGGCAGCTGGAAATGCAGAAATCACAAAATGAAG
 CAGTGTGTGAGGGGCTGCGTACTCAAATCCGAGAGCTCTGGGACAGGTTGCAAATACCTGAAGAAGAAAG
 AGAAGCTGTGGCCACCATTATGTCTGGGTCAAAGGCCAAGGTCCGGAAAGCGCTGCAATTAGAAGTGGAT
 CGGTTGGAAGAACTGAAAATGCAAAACATGAAGAAAGTATTGAGGCAATTCGAGTGGAGCTGGTTCAGT
 ACTGGGACCAAGTGCTTTTATAGCCAGGAGCAGAGACAAGCTTTTGCCCTTTCTGTGCTGAGGACTACAC
 AGAAAGTCTGCTCCAGCTCCAGATGCTGAGATTGTGCGGTTAAAAACTACTATGAAGTTCACAAGGAA
 CTCTTTGAAGGTGTCCAGAAGTGGGAAGAAACCTGGAGGCTTTTCTTAGAGTTTGAGAGAAAAGCTTCAG
 ATCCAAATCGATTACAAACCGAGGAGGAAATCTTCTAAAAGAAGAAAAACAACGAGCCAAGCTCCAGAA
 AATGCTGCCCAAGCTGGAAGAAGAGTTGAAGGCACGAATTGAATTGTGGGAACAGGAACATTCAAAGGCA
 TTTATGTTGAATGGGCAGAAATTCATGGAGTATGTGGCAGAACATGGGAGATGCATCGATTGGAGAAAG
 AGAGAGCCAAGCAGGAAAGACAACCTGAAGAACAAAAACAGACAGAGACAGAGATGCTGTATGGCAGCGC
 TCCTCGAACACCTAGCAAGCGGCGAGGACTGGCTCCCAATACACCGGGCAAAGCAGTAAGCTGAACACT
 ACCACCATGTCCAATGCTACGGCCAATAGTAGCATTGCGCCTATCTTTGAGGGACAGTCTACCACTCCC
 CCGTGTCTCGACTTCTCCTTCTGGCAGCAAGCCAGTCGCTGCTTCCACCTGTTTCAGGGAAGAAAAACACC
 CCGTACTGGCAGGCATGGAGCCAACAAGGAGAACCTGGAGCTCAACGGCAGCATCCTGAGTGGTGGGTAC
 CCTGGCTCGGCCCCCTCCAGCGCAACTTCAGCATTAAATCTGTTGCCAGCACCTATTCTGAGTTTGCGA
 AGGATCCGTCCCTCTCTGACAGTTCACCTGTTGGGCTTCAGCGAGAACTTTCAAAGGCTTCCAAATCTGA
 TGCTACTTCTGGAATCCTCAATTCAACCAACATCCAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201141 protein sequence
 Red=Cloning site Green=Tags(s)

MRRSEVLAEESIVCLQKALNHLREIWELIGIPEDQRLQRTEVVKKHIKELLDMMIAEEESLKERLIKSIS
 VCQKELNLTLCSELHVEPFQEEGETTILQLEKDLRTQVELMRKQKKERKQELKLLQEQQDELCEILCMPHY
 DIDSASVPSLEELNQFRQHVTTLRETKASRREEFVSIKQIILCMEELDHTPDTSFERDVCEDDAFCL
 SLENIATLQKLLRQLEMQKSQNEAVCEGLRTQIRELWDLQIPEEEREAVATIMSGSKAKVRKALQLEVD
 RLEELKMQNMKKVIEAIRVELVQYWDQCFYSQEQRAFAPFCAEDYTESLLQLHDAEIVRLKNYYEVHKE
 LFEGVQKWEETWRLFLEFERKASDPNRFNRRGNLLKEEKQRAKLQKMLPKLEELKARIELWEQEHKA
 FMVNGQKFMEYVAEQWEMHRLERAKQERQLKNKKQTETEMLYGSAPRTPSKRRGLAPNTPGKARKLNT
 TTMSNATANSSIRPIFGGTVYHSPVSRPPSGSKPVAASTCSGKKTPTGRHGANKENLENGSILSGGY
 PGSAPLQRNFSINSVASTYSEFAKDPSSLSDSSTVGLQRELSKASKSDATSGILNSTNIQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003981
ORF Size:	1860 bp
Buffer:	PBS with 0.001% Pluronic F5169
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_003981.2</u>
RefSeq Size:	3207 bp
RefSeq ORF:	1863 bp
Locus ID:	9055
UniProt ID:	<u>O43663</u>
Cytogenetics:	15q26.1
MW:	71.7 kDa