

Product datasheet for **RC205318A1V**

Human PCTAIRE2 (CDK17) (NM_002595) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCTAIRE2 (CDK17) (NM_002595) AAV Particle
Tag:	Myc-DDK
Symbol:	PCTAIRE2
Synonyms:	PCTAIRE2; PCTK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205318 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAAAAATTTAAGAGAAGGCTATCCCTCACACTCCGAGGAAGTCAGACTATTGATGAATCATTGTCTG
 AATTGGCTGAACAAATGACTATTGAAGAAAACAGCAGCAAGGATAATGAGCCTATTGTGAAGAATGGCAG
 GCCTCCAACTCTCACAGTATGCATTCTTCTCCACCACTACACAGGATCTTTCAAGAAGCCCCATTG
 CGGAGACCACACAGTGTATTGGAGGGAGCCTTGGCTCCTTCATGGCAATGCCAGAAATGGAAGCAGAT
 TAGATATTGTTTCATGAAAATCTAAAAATGGGATCAGATGGTGAGAGTGACCAAGCTTCTGGGACATCATC
 TGATGAAGTCCAGTCACCTACAGGTGTTGTCTCAGAAATCGTATACATAGACGGATCTCAATGGAGGAT
 TTAATAAGCGGTTATCACTGCCTGCAGACATCAGAATACCTGATGGATATCTTGAAAAGTTGCAGATAA
 ACAGTCCACCATTTGACCAACCAATGAGTCGAAGGTCTCGTAGAGCTTCTTATCAGAAATTGGCTTTGG
 AAAAATGGAACTACATCAAAATGGAAAAGCTTGGAGAGGGTACATATGCAACAGTATATAAGGAAGA
 AGTAAATTGACAGAGAATTTGGTGGCATTAAAAGAGATCCGATTGGAACATGAAGAAGGTGCACCCCTGCA
 CAGCTATAAGAGAAGTTTCACTATTAAGGATTTAAAACATGCAATATAGTAACCTTACATGACATTGT
 TCACACAGATAAATCCTTGACTTTGGTGTGTTGAGTATCTGGATAAAGACCTGAAACAGTACATGGATGAC
 TGTGGAACATCATGAGTATGCACAACGTAAAGCTGTTTCTGTACCAATTTCTACGTGGTTTGGCATATT
 GCCATAGAAGAAAGGTATTGCATCGAGACTTGAACACAGAACTCCTCATTATGAGAAAGGAGAAATT
 AAAGCTAGCAGATTTTGGACTAGCCCGAGCCAAGTCAGTCCCACAAAGACCTACTCAAATGAAGTTGTC
 ACATATGGTACCGGCCACCTGATGTGCTTCTTGGTTCCTCGGAGTACTCAACACAGATTGACATGTGGG
 GTGTTGGTTGCATTTTCTTGAATGGCTTCTGGAAGACCTTTATTTCCAGGATCAACCGTGGAAGATGA
 ACTGCACCTTAATTTTCCGACTGCTAGGAACCTCATCTCAGGAACTTGGCCAGGTATTTCTTCAAAATGAG
 GAGTTCAAGAACTACAACCTTTCCAAAATATAAACACAGCCTCTAATTAACCACGACCCAGGTTAGACT
 CTGAAGGAATTGAGTTGATAACAAAATTTCTTCAATGAATCTAAGAAAAGGGTTTCACTGAAGAGGC
 CATGAAACATGTGACTTTTCAAGTCTGGGACCAAGAATACATGCTTTACCAGAAAGTGTATCAATATTC
 AGTTTGAAGAGATTGAGTTGCAAAAGGACCCGGGTTTTCGAAATCTTCTTATCCAGAGACAGGACATG
 GGAAGAACAGAAGACAGAGCATGCTCTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205318 protein sequence
 Red=Cloning site Green=Tags(s)

MKKFKRRLSLTLRGSQTIDESLSELAEQMTIEENSSKDNEPIVKNRPPTSHSMHSFLHQYTGSKPKPL
 RRPHSVIGGSLGSFMAMPRNGSRLDIVHENLKMGSDESQASGTSSDEVQSPTGVCLNRRIHRRISMED
 LNKRLSLPADIRIPDGYLEKLQINSPPFDQPMSSRRRASLSEIGFGKMETYIKLEKLGEQYATVYKGR
 SKLTENLVALKEIRLEHEEGAPCTAIREVSLLKDLKHANIVTLHDIVHTDKSLTLVFEYLDKDLKQYMD
 CGNIMSMHNVKFLYQILRLGLAYCHRRKVLHRDLKPQNLLINEKGELKLADFLARAKSVPTKTYSENV
 TLWYRPPDVLGSSSEYSTQIDMWGVGCIFFEMASGRPLFPGSTVEDELHLIFRLLGTPSQETWPGISSNE
 EFKNYNFPKYKQPLINHAPRLDSEGIELITKFLQYESKKRVSAEAMKHVYFRSLGPRIHALPESVSIF
 SLKEIQLQKDPGRNSSYPETGHGKNRRQSMFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002595

ORF Size:

1569 bp

Buffer:	PBS with 0.001% Pluronic F68
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_002595.2</u>
RefSeq Size:	4194 bp
RefSeq ORF:	1572 bp
Locus ID:	5128
UniProt ID:	<u>Q00537</u>
Cytogenetics:	12q23.1
MW:	59.6 kDa