

Product datasheet for **RC204962A1V**

Human PCTAIRE1 (CDK16) (NM_033018) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCTAIRE1 (CDK16) (NM_033018) AAV Particle
Tag:	Myc-DDK
Symbol:	PCTAIRE1
Synonyms:	PCTAIRE; PCTAIRE1; PCTGAIRE; PCTK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204962 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCGGATGAAGAAGATCAAACGGCAGCTGTCAATGACACTCCGAGGTGGCCGAGGCATAGACAAGA
 CCAATGGTGCCCTGAGCAGATAGGCCTGGATGAGAGTGGTGGTGGCGGCAGTGACCTGGAGAGGC
 CCCACACGTGCTGCTCTGGGAACTTCGTTCTGCACGGGGCCCACTCAGCTCTGCACAGAGATTGTG
 CACGAGGACTTGAAGATGGGGTCTGATGGGAGAGTGACCAGGCTTCAGCCACGTCTCGGATGAGGTGC
 AGTCTCCAGTGAGAGTGCATGCGCAACCATCCCCACGAAGATCTCCACTGAGGACATCAACAAGCG
 CCTACTACTACGAGTACATCCGGCTGCCTGAGGGCTACCTGGAGAAGCTGACCCTCAATAGCCCCATC
 TTTGACAAGCCCCTCAGCCGCCGCTCCGTCTGTGTCAGCTATCTGAGATTGGCTTTGGGAACTGGAGA
 CCTACATTAAGCTGGACAACTGGGCGAGGGTACCTATGCCACCGTCTACAAAGGCAAAAGCAAGCTCAC
 AGACAACCTTGTGGCACTCAAGGAGATCAGACTGGAACATGAAGAGGGGGCACCTGCACCGCCATCCGG
 GAAGTGTCCCTGCTCAAGGACCTCAAACACGCCAACATCGTTACGCTACATGACATTATCCACACGGAGA
 AGTCCCTCACCTTGTCTTTGAGTACCTGGACAAGGACCTGAAGCAGTACCTGGATGACTGTGGGAACAT
 CATCAACATGCACAACGTGAACTGTTCTGTTCCAGCTGCTCCGTGGCTGGCCTACTGCCACCGGCAG
 AAGGTGCTACACCGAGACCTCAAGCCCCAGAACCTGCTCATCAACGAGAGGGGAGAGCTCAAGCTGGCTG
 ACTTTGGCCTGGCCCGAGCCAAGTCAATCCCAACAAAGACATACTCCAATGAGGTGGTGACACTGTGGTA
 CCGGCCCTGACATCCTGCTTGGGTCCACGGACTACTCCACTCAGATTGACATGTGGGGTGTGGGCTGC
 ATCTTCTATGAGATGGCCACAGGCCGCTCCCTCTTTCCGGGCTCCAGGTGGAGGAACAGCTACACTTCA
 TCTTCCGTATCTTAGGAACCCCAACTGAGGAGACGTGGCCAGGCATCCTGTCCAACGAGGAGTTCAAGAC
 ATACAACTACCCCAAGTACCGAGCCGAGGCCCTTTTGAAGCCACGACCCCGACTTGATAGCGACGGGGCC
 GACCTCTCACCAAGCTGTTGCAGTTTGAAGGTGAAATCGGATCTCCGAGAGGATGCCATGAAACATC
 CATTCTTCTCAGTCTGGGGAGCGGATCCACAACTTCTGACACTACTTCATATTTGCACTAAAGGA
 GATTACGCTACAAAGGAGGCCAGCCTTCGGTCTTCGTCGATGCCTGACTCAGGCAGGCCAGCTTCCGC
 GTGGTGGACACCGAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204962 protein sequence
 Red=Cloning site Green=Tags(s)

MDRMKKIKRQLSMTLRGGRGIDKTNGAPEQIGLDESAGGGSDPGEAPTRAAPGELRSARGPLSSAPEIV
 HEDLMGSDGESDQASATSSDEVQSPVRVVRMRNHPPRKISTEDINKRLSLPADIRLPEGYLEKLTLNSPI
 FDKPLSRRLRRVSLSEIGFGKLETYIKLDKLGEGTYATVYKGSKSLTDNLVALKEIRLEHEEGAPCTAIR
 EVSLLKDLKHANIVTLHDIHTEKSLTLVFEYLDKDLKQYLDGCGNIINMHNKLFLLQLLRGLAYCHRQ
 KVLHRDLKPQNLLINERELKLADFGLARAKSIPTKYSNEVTLWYRPPDILLGSTDYSTQIDMWGVGC
 IFYEMATGRPLFPGSTVEEQLHFIFRILGTPTEETWPGILSNEEFKTYNYPKYRAEALLSHAPRLDSDGA
 DLLTKLLQFEGRNRISAEDAMKHPFFLSLGERIHKLPDTSIFALKEIQLQKEASLRSSSMPDGRPAFR
 VVDFEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_033018

ORF Size:

1488 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_033018.2, NP_148978.1</u>
RefSeq Size:	3280 bp
RefSeq ORF:	1509 bp
Locus ID:	5127
UniProt ID:	<u>Q00536</u>
Cytogenetics:	Xp11.3
MW:	55.7 kDa