

Product datasheet for **RC208130A1V**

Human PCYT1A (NM_005017) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PCYT1A (NM_005017) AAV Particle
Tag:	Myc-DDK
Symbol:	PCYT1A
Synonyms:	CCTA; CCTalpha; CT; CTA; CTPCT; PCYT1; SMDCRD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208130 representing NM_005017 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATGCACAGTGTTTCAGCCAAGGTCAATGCAAGGAAGAGGAGAAAAGAGGCGCCCGACCCAACGGGG
CAACAGAAGAAGATGGGGTTCCTTCCAAAGTGCAGCGCTGTGCAGTGGGCTTACGGCAACCAGCTCCTTT
TTCTGATGAAATTGAAGTTGACTTTAGTAAGCCCTATGTCAGGGTAACATGGAAGAAGCCAGCAGAGGA
ACTCCTTGTGAGCGACCTGTGAGAGTTTATGCCGATGGAATATTTGACTTATTTCACTCTGGTCACGCCC
GAGCTCTGATGCAAGCGAAGAACCTTTCCCTAATACGTACCTCATTGTGGGAGTTTGCAGTGATGAGCT
CACACACAACCTCAAAGGCTTACGGTGATGAACGAGAATGAGCGCTATGACGCAGTCCAGCACTGCCGC
TACGTGGATGAGGTGGTGAAGGAATGCGCCCTGGACGCTGACACCCGAGTTCTTGCCGAACACCGGATTG
ATTTTGTAGCCCATGATGATATTCCTTATTCATCTGCTGGCAGTGATGATGTTTATAAGCACATCAAGGA
GGCAGGCATGTTTGTCCAACACAGAGGACAGAAGGTATCTCCACATCAGACATCATCACCCGAATTGTG
CGGGATTATGATGTGATGCGAGGCGGAACCTGCAGAGGGGCTACACAGCAAAGGAGCTCAATGTCAGCT
TTATCAACGAGAAGAAATACCACTTGCAGGAGAGGGTTGACAAAGTAAAGAAGAAAGTGAAGATGTGGA
GGAAAAGTCAAAGAATTTGTTCAAGGTGGAGGAAAAAGCATTGACCTCATTGAGAGTGGGAGGAG
AAGTCCCGAGAATTCATTGGAAGTTTCTGGAATGTTTGGTCCGGAAGGAGCACTGAAACATATGCTGA
AAGAGGGGAAGGGCCGATGCTGCAGGCCATCAGCCCCAAGCAGAGCCCCAGCAGGCCCTACTCGCGA
GCGCTCCCCCTCCCCCTTTCCGATGGCCCTTCTCCGCAAGACTTCCCCACCTTGCTCCCCAGCAAAT
CTCTCCAGGCACAAGGCTGCAGCCTATGATATCAGTGAGGATGAAGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208130 representing NM_005017 Red=Cloning site Green=Tags(s) MDAQCSAKVNARKRRKEAPGPNGATEEDGVPSKVQRCAVGLRQPAPFSDEIEVDFSKPYVRVTMEEASRG TPCERPVRVYADGIFDLFHS GHARALMQAKNLPNTYLIVGVCSDELTHNFKGFTVMNENERYDAVQHCR YVDEVVRNAPWLTPEFLAEHRIDFVAHDDIPYSSAGSDDVYKHIKEAGMFAPTQRTGISTSDIITRIV RDYDVYARRNLQRGYTAKELNVSFINEKKYHLQERVVKVKKVKDVEEKSKEFVQKVEEKSIDLIQKWE KREFIGSFLEMFGEALGHMLKEGKGRMLQAISPKQSPSSPTRERSPPSFRWPFSGKTSPPCSPAN LSRHKAAAYDISEDEED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005017
ORF Size:	1101 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:	NM_005017.2
RefSeq Size:	1677 bp
RefSeq ORF:	1104 bp
Locus ID:	5130
UniProt ID:	P49585
Cytogenetics:	3q29
MW:	41.6 kDa