

Product datasheet for **RC225716A1V**

Human CPA5 (NM_001127441) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CPA5
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225716 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGGGCACTCCTGGAGGCGGGACGCGCCCTGGGCCATCCCCGTGGACAGGCGGACACTCCTGGTCT
TCAGCTTTATCCTGGCAGCAGCTTTGGGCCAAATGAATTCACAGGGGACCAGGTTCTTCGAGTCTGGC
CAAAGATGAGAAGCAGCTTTCACCTTCTCGGGATCTGGAGGGCCTGAAACCCAGAGGTGGACTTCTGG
CGTGGCCACGAGCCAGCCAGCCTCCCTGTGGATATGAGAGTTCCTTCTCCGAAGTAAAGACATCAAAG
CTTATCTGGAGTCTCATGGACTTGCTTACAGCATCATGATAAAGGACATCCAGGTGCTGCTGGATGAGGG
AAGACAGGCCATGGCGAAATCCCGCCGGCTGGAGCGCAGCACCAACAGCTTCAGTTACTCATCATACCAC
ACCTGGAGGAGATATATAGCTGGATTGACAACTTTGTAATGGAGCATTCCGATATTGTCTCAAAAATTC
AGATTGGCAACAGCTTTGAAAACAGTCCATTCTGTCTGAAGTTCAGCACTGGAGGTTCTCGGCACCC
AGCCATCTGGATCGACACTGGAATTCACCTCCCGGGAGTGGATCACCCATGCCACCGGCATCTGGACTGCC
AATAAGATTGTCACTGATTATGGCAAAGACCGTGTCTGACAGACATACTGAATGCCATGGACATCTTCA
TAGAGCTCGTCACAAACCCTGATGGGTTTGCTTTTACCCACAGCATGAACCGCTTATGGCGGAAGAACAA
GTCCATCAGACCTGGAATCTTCTGCATCGGCGTGGATCTCAACAGGAAGTGGAGTGGGTTTGGAGGA
AATGGTTCTAACAGCAACCCCTGCTCAGAACTTATCACGGGCCCTCCCTCAGTCGGAGCCGAGGTGG
CTGCCATAGTGAATTCATCAGGCCATGGCAACTTCAAGGCTCTGATCTCCATCCACAGTACTCTCA
GATGCTTATGTACCCTTACGGCCGATTGCTGGAGCCCGTTTCAAATCAGAGGGAGTTGTACGATCTTGCC
AAGGATGCGGTGGAGGCCTTGATAAGGTCCATGGGATCGAGTACATTTTGGCAGCATCAGCACCAACC
TCTATGTGGCCAGTGGGATCACCGTCGACTGGGCCTATGACAGTGGCATCAAGTACGCCTTCAGCTTTGA
GCTCCGGGACACTGGGACGTATGGCTTCTGCTGCCGGCCACACAGATCATCCACGCGCCAGGAGACG
TGGATGGCGCTTCGGACCATCATGGAGCACCCCTGAATCACCCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:	>RC225716 protein sequence Red=Cloning site Green=Tags(s) MQGTPGGGTRPGSPVDRRTLLVFSFILAAALGQMFTGDQVLRVLAKDEKQLSLLGDLEGLKPQKVDFW RGPAPRSLPVDMRVPFSELKDIKAYLESHGLAYSIMIKDIQVLLDEGRQAMAKSRRLERSTNSFSYSSYH TLEEIYSWIDNFVMEHSDIVSKIQIGNSFENQSILVLKFSTGGSRHPAIWIDTGIHSREWTHATGIWTA NKIVSDYGKDRVLTDLNAMDIFIELVTNPDGFAFTHSMNRLWRKNKSIRPGIFCIGVDLNRNWKSGFGG NGSNSNPCSETYHGSPQSEPEVAAIVNFITAHGNFKALISHSYSQMLMYPYGRLLPEVSNQRELYDLA KDAVEALYKVHGIEYIFGSISTTLYVASGITVDWAYDSGIKYAFSELRDTGQYGFLPATQIIPTAQET WMALRTIMEHTLNHPY TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001127441
ORF Size:	1308 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_001127441.1</u> , <u>NP_001120913.1</u>
RefSeq Size:	2078 bp
RefSeq ORF:	1311 bp
Locus ID:	93979
UniProt ID:	<u>Q8WXQ8</u>
Cytogenetics:	7q32.2
MW:	49 kDa