

Product datasheet for **RC225806A1V**

Human CAP1 (NM_001105530) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAP1 (NM_001105530) AAV Particle
Tag:	Myc-DDK
Symbol:	CAP1
Synonyms:	CAP; CAP1-PEN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC225806 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGACATGCAAAATCTGGTAGAAAGATTGGAGAGGGCAGTGGGCCCTGGAGGCAGTATCTCATA
 CCTCTGACATGCACCGTGGGTATGCAGACAGTCTTCAAAGCAGGAGCAGCTCCATATGTGCAGGCATT
 TGACTCGCTGCTTGTGCTGCTGTGGCAGAGTACTTGAAGATCAGTAAAGAGATTGGGGGAGACGTGCAG
 AAACATGCGGAGATGGTCCACACAGTTTGAAGTTGGAGCGAGCTCTGTTGGTTACAGCTTCTCAGTGTC
 AACAGCCAGCAGAAAATAAGCTTTCGATTGTTGGCACCCATCTCAGAGCAGATCAAAGAAGTGATAAC
 CTTTCGGGAGAAGAACCAGGCAGCAAGTTGTTAATCACCTGTCAGCTGTCAGCGAAAGTATCCAGGCC
 CTGGGCTGGGTGGCTATGGCTCCCAAGCCTGGCCCTTATGTGAAAGAAATGAATGATGCCGCCATGTTTT
 ATACAAACCGAGTCTCAAAGAGTACAAAGATGTGGATAAGAAGCATGTAGACTGGGTCAAAGCTTATTT
 AAGTATATGGACAGAGCTGCAGGCTTACATTAAGGAGTTCCATACCACCGGACTGGCCTGGAGCAAAACG
 GGGCCTGTGGCAAAAGAACTGAGCGGACTGCCATCTGGACCCTCTGCCGGATCAGGTCTCTCTCCCTC
 CACCAGGCCCCCTCTCCCCAGTCTCTACCAGTTTCAAGGCTCAGATGAGTCTGCTTCCCGCTCAGCACT
 GTTCGCGCAGATTAATCAGGGGGAGAGCATTACACATGCCCTGAAACATGTATCTGATGACATGAAGACT
 CACAAGAACCCTGCCCTGAAGGCTCAGAGTGGTCCAGTACGAGTGGCCCCAAACCATTCTGACACCTA
 AACCCCAACAGCCCATCCCCAAACGAGCCACAAAGAAGGAGCCAGCTGTACTTGAAGTGGAGGGCAA
 GAAGTGGAGAGTGAAATCAGGAAATGTTTCCAACCTGGTGATTGAGGACACAGAGCTGAAACAGGTG
 GCTTACATATACAAGTGTGTCAACACGACATTGCAAATCAAGGGCAAAATTAAGTCCATTACAGTAGATA
 ACTGTAAGAACTTGGCTGGTATTCGATGACGTGGTGGGCATTGTGGAGATAATCAACAGTAAGGATGT
 CAAAGTTCAGGTAATGGGTAAAGTGCCAACCATATCCATCAACAAAACAGATGGCTGCCATGCTTACCTG
 AGCAAGAATTCCTGGATTGTGAAATAGTCAGTGCCAAATCTCCGAGATGAATGCTCTATTCTACAG
 AAGCGGTGACTTTAATGAATCCAGTTCTGAGCAGTTCAAGACCCTATGGAACGGGCAGAAAGTTGGT
 CACCACAGTGACAGAAATTGCTGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225806 protein sequence
 Red=Cloning site Green=Tags(s)

MADMQNLERLERAVGRLEAVSHTSDMHRGYADSPSKAGAAPYVQAFDSLLAGPVAEYLKISKEIGGDVQ
 KHAEMVHTGLKLERALLVTASQCQQAENKLSDLLAPISEKIKEVITFREKNRSGKLFNHL SAVSESIQA
 LGWVAMAPKPGPYVKEMNDAAAFYTNRLKEYKDVKKHVDWVKAYLSIWTELQAYIKEFHHTGLAWSKT
 GPVAKELSGLPSPGSPAGSGPPPPPPPPPPVSTSSGSDSASRSALFAQINQGESITHALKHVSDDMT
 HKNPALKAQSGPVRSKPKPFSAKPKQTSPPKRAKKEPAVLELEGKKWRVENQENVSNLVIEDTELKQV
 AYIYKCVNTTLQIKGKINSITVDNCKKLGLVFDDVVGIVEIINSKDVKVQVMGKVPTISINKTDGCHAYL
 SKNSLDCEIVSAKSSEMNVLIPTEGGDFNEFPVPEQFKTLWNGQKLVTVTYTEIAG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001105530

ORF Size:

1425 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_001105530.1</u> , <u>NP_001099000.1</u>
RefSeq Size:	2780 bp
RefSeq ORF:	1428 bp
Locus ID:	10487
UniProt ID:	<u>Q01518</u>
Cytogenetics:	1p34.2
MW:	51.7 kDa