

Product datasheet for **RC203332A1V**

Human CAP2 (NM_006366) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAP2 (NM_006366) AAV Particle
Tag:	Myc-DDK
Symbol:	CAP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203332 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAAACATGCAGGGACTGGTGGAAAGACTGGAACGAGCTGTCAGCCGCTGGAGTCGCTGTCTGCAG
AGTCCACAGGCCCTGGAACTGCGGGGAAGTCAATGGTGTCATTGCAGGTGTGCACCCCTCCGTGGA
AGCCTTTGACAAGCTGATGGACAGTATGGTGGCCGAGTTTTAAAGAACAGTAGGATCCTTGCTGGGGAC
GTGGAGACCCATGCAGAAATGGTGCACAGTGCTTCCAGGCCAGCGGGCTTTCCTTCTGATGGCCTCTC
AGTACCAACAACCCACGAGAATGACGTGGCCGCACTTCTGAAACCCATATCGGAAAAGATTGAGAAAT
CCAAACTTTGAGAGAGAGAAACCGGGGAGTAACATGTTTAATCATCTTCGGCCGTGAGCGAAAGCATC
CCTGCCCTTGATGGATAGCTGTGTCTCCCAAACCTGGTCCTTATGTCAAGGAGATGAATGACGTGCCA
CCTTTTACACTAACAGGGTCTTAAAGGACTACAAACACAGTGATTTGCGTCATGTGGATTGGGTGAAGTC
ATATTTGAACATTTGGAGTGAACCTCAAGCATACATCAAGGAACACCACACCGGCCCTCATGAGC
AAAACAGGTCTGTAGCATCCACAGTATCAGCGTTTTCTGTCTCTCTCTGGGCCTGGCCTTCTCCAC
CCCCTCCTCTGCTCCTCCAGGGCCACCTCCACTTTTCGAGAATGAAGGCAAAAAGAGGAATCTTC
TCCTTCACGCTCAGCTTTATTTGCCCACTTAACAGGGAGAAGCAATTACAAAAGGGCTCCGCCATGTC
ACAGATGACCAGAAGACATACAAAATCCAGCCTGCGGGCTCAAGGAGGCAAACTCAATCTCCACCA
AAAGTCACACTCCAAGTCCCACATCTCCTAAATCTTATCCTTCTCAAAAACATGCCCGAGTGTGGAGTT
GGAAGGAAAGAAATGGAGAGTGGAGTACCAAGAGGACAGGAATGACCTTGTGATTTCAGAGACTGAGCTG
AAACAAGTGGCTTACATTTTCAAATGCGAAAAATCAACTATTCAGATAAAAGGGAAAGTAACTCCATTA
TAATTGACAACTGTAAGAACTCGGCCTGGTGTGTTGACAATGTGGTGGGCATTGTGGAAGTGATCAACTC
CCAGGACATTCAAATCCAGGTAATGGGGAGAGTGCCAACAATTTCCATTAATAAGACAGAAGGTTGCCAC
ATATACCTCAGTGAAGATGCATTAGACTGTGAGATCGTGAGCGCCAAGTCATCTGAAATGAACATACTTA
TCCCTCAGGATGGTATTATAGAGAATTTCCATTCTGAACAGTTCAAGACAGCATGGGATGGATCCAA
GTTAATCACTGAACCTGCAGAAATTATGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203332 protein sequence Red=Cloning site Green=Tags(s) MANMQGLVERLERAVSRLESLSAESHPPGNCGEVNGVIAGVAPSVEAFDKLMDSMVAEFLKNSRILAGD VETHAEMVHSAFQAQRAFLLMASQYQQPHENDVAALLKPISEKIQEIQTFRERNRGSNMFNHL SAVSESI PALGWIIVSPKPGPYVKEMNDAATFYTNRVLKDYKHSCLRHDVWVKSYLENIWSELQAYIKEHHTTGLTWS KTGPVASTVSASFVLSGGPGLPPPPPLPPPGPPPLFENEGKKEESSPSRSALFAQLNQGEAITKGLRHV TDDQKTYKNPSLRAQGGQTQSPTKSHTPSPTSPKSYPSQKHAPVLELEGKKWRVEYQEDRNDLVISETEL KQVAYIFKCEKSTIQIKGVNSIIDNCKKLGLVFDNVVGIVEVINSQDIQIQVMGRVPTISINKTEGCH IYLS DALDCEIVSAKSSEMNILIPQGDYREFPIPEQFKTAWDGSKLITEPAEIMA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006366
ORF Size:	1431 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_006366.2</u>
RefSeq Size:	3080 bp
RefSeq ORF:	1434 bp
Locus ID:	10486
UniProt ID:	<u>P40123</u>
Cytogenetics:	6p22.3
MW:	52.8 kDa