

Product datasheet for **RC202764A1V**

Human CAPZA2 (NM_006136) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CAPZA2 (NM_006136) AAV Particle
Tag:	Myc-DDK
Symbol:	CAPZA2
Synonyms:	CAPPA2; CAPZ
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202764 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGATCTGGAGGAGCAGTTGTCTGATGAAGAGAAGGTGCGTATAGCAGCAAAATTCATCATTCATG
CCCCCTCTGGAGAATTTAATGAGGTTTTCAATGATGTTTCGTTACTGCTTAATAATGACAATCTTCTCAG
GGAAGGAGCAGCCCATGCATTTGCACAGTATAACTGGACCAGTTTACTCCAGTAAAAATTGAAGTTAT
GAAGATCAGGTATTGATAACAGAACATGGCGACTTGGGAAATGGAAAGTTTTTGGATCCAAGAAGACAGAA
TCTGTTTTAAATTTGATCACTTAAGGAAGGAGGCAACTGATCCAAGACCATGTGAAGTAGAAAAATGCAGT
TGAATCATGGAGAACTTCAGTAGAAACTGCTCTGAGAGCTTACGTAAAAGAACATTACCGAATGGAGTC
TGCATGTGTATGGCAAAAAATAGATGGACAGCAAAACCATTATTGCATGCATAGAAAGCCATCAGTTCC
AAGCAAAAAATTTTTGGAATGGTCGTTGGAGGTCAGAATGGAAGTTTACAATCACTCCTTCAACCACTCA
AGTGGTTGGCATCTTGAAAATTCAGGTTTATTATGAAGATGGTAATGTTTCAGCTAGTGAGTCATAAA
GATATACAAGATTCCTAACAGTGTCTAATGAAGTGCAAAACAGCAAAAGAATTTATAAGATTGTAGAAG
CTGCAGAAAATGAATACCAGACTGCCATCAGTGAGAATTATCAGACAATGTCGGACACTACTTTCAAAGC
CTTACGTCGACAGTTGCCAGTTACACGCACTAAGATTGATTGGAACAAGATCCTTAGCTACAAGATTGGC
AAAGAGATGCAGAAATGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202764 protein sequence Red=Cloning site Green=Tags(s) MADLEEQLSDEEKVRIAAKFIIHAPPGEFNEVFNDVRLLLNNDNLLREGAAHFAQYNLDQFTPVKIEGY EDQVLITEHGDLGNGKFLDPKNRICFKFDHLRKEATDPRPCEVENAVESWRTSVETALRAYVKEHYPNGV CTVYGGKIDGQQTIIACIESHQFQAKNFWNGRWRSEWKFTITPSTTQVVGILKIQVHYEDGNVQLVSHK DIQDSLTVSNEVQTAKFEIKIVEAAENEYQTAISENYQTMSDTTFKALRRQLPVTRTKIDWNKILSYKIG KEMQNA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006136
ORF Size:	858 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_006136.2</u>
RefSeq Size:	2373 bp
RefSeq ORF:	861 bp
Locus ID:	830
UniProt ID:	<u>P47755</u>
Cytogenetics:	7q31.2
MW:	32.9 kDa