

Product datasheet for **RC208830A1V**

Human CPNE2 (NM_152727) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPNE2 (NM_152727) AAV Particle
Tag:	Myc-DDK
Symbol:	CPNE2
Synonyms:	COPN2; CPN2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208830 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCACATACCCAGTGGGGTGCCACGACGCGGGGCGAGCCCCATGGCCCCCAGTATTGCGTGT
 GCAAGGTGGAGCTGTCAGTGAGTGCCAGAACCCTACTGGACCGGATGTTACCTCCAAGTCCGACCCCTT
 CTGTGTCTCTTTACAGAGAACAATGGCAGATGGATCGAGTACGACAGGACAGAAACCGCGATCAACAAC
 CTCAACCCCGCCTTCTCCAAGAAGTTCGTGCTTACTACCACTTCGAGGAGGTACAGAAGCTCAAGTTCG
 CGCTCTTTGACCAGGACAAGTCCAGTATGCGGCTGGACGAGCATGACTTCTGGGCCAGTTCCTCGAC
 CCTGGGACGATCGTCTCCAGCAAGAAGATCACTAGGCCTCTGCTGCTGCTGAATGACAAGCCTGCGGGG
 AAGGGCTTGATTACGATCGCTGCCAGGAGCTGCCGACAACCGCGTCACACTAAGCCTGGCGGGCA
 GGAGGCTGGACAAGAAGGACCTCTTTGGGAAGTCAAGCCCTTTCTGGAGTTTATAAGCCAGGAGACGA
 TGGCAAGTGGATGCTGGTCCACAGGACTGAGGTGATCAAGTACACTGGACCTGTGTGAAGCCATTC
 ACAGTGCCTTGGTGTCCCTGTGTGATGGGGACATGGAGAAGCCATCCAGGTGATGTGCTACGACTATG
 ACAATGACGGGGCCATGACTTCATCGGCGAGTTCAGACCTCAGTGTCACAGATGTGTGAGGCTCGAGA
 CAGCGTCCCGCTGGAGTTCGAGTGCATCAACCCCAAGAAGCAGAGGAAGAAGAAGAACTATAAACTCG
 GGCATCATCATCTGCGATCCTGCAAGATAAACCGAGACTACTCCTTCTTGACTACATCCTGGGAGGCT
 GCCAGCTCATGTTACCGTTGGAATAGACTTTACAGCCTCCAACGGGAATCCCTCGACCTTCTCTTT
 GCACTATATCAACCTATGGGCACCAACGAATATCTGTCGGCCATCTGGGCTGTTGGGCAGATCATTAG
 GACTACGACAGTGATAAGATGTTCCAGCTCTGGGATTCGGGGCCAGTTACCCCGAGCTGGAAGGTCT
 CCCATGAGTTTGCATCAACTCAACCCCAACCCCTTCTGCTCAGGTGTGGATGGATTGCCAGGC
 GTACTCAGCTTGCCTGCCACATCCGCTTCTACGGTCTACCAATTTCTCCCCATCGTCAACCAGCTG
 GCCCGTTTGGCGCCAGGCCACACAACAGCGGACGGCCACGAGTACTTCATCCTCCTCATCATCACGG
 ACGGGGTATCAGTGACATGGAGGAGACACGGCATGCCGTGGTGCAGGCTTCCAAGTGCCCATGTCCAT
 CATCATCGTGGGCGTGGGCAATGCGGACTTCGCTGCCATGGAGTTCCTGGATGGGGACAGCCGATGCTG
 CGCTCCACACGGGGAGGAGGAGCCCGCATATTGTGAGTTCGTTCCCTTTCGAGAGTTCGCAACG
 CAGCAAAAGAGACCTTGCCAAAGCTGTGCTGGCGGAGCTGCCCAACAAGTTGTGAGTATTTCAAGCA
 TAAAACTGCCCCCACTCGGAGCCCGCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208830 protein sequence
 Red=Cloning site Green=Tags(s)

MAHIPSGGAPAAGAAPMGQYCVCKVELSVSGQNLDRDVTSKSDPFCVLFTEENGRWIEYDRTEAINN
 LNPAFSKFFVLDYHFEEVQKLKFAFDQDKSSMRLDEHDFLGQFSCSLGTIVSSKKITRPLLLLNDKPAG
 KGLITIAAQELSDNRVITLSLAGRRLDKDLFGKSDPFLEFYKPGDDGKWLVRTEVIKYTLDPVWKP
 TVPLVSLCDGDMEKPIQVMCYDYDNDGGHDFIGEFQTSVVSQMCEARDSVPLEFECINPKQRKKKNYKNS
 GIIILRSCKINRDYSFLDYILGGQLMFTVIGIDFTASNGNPLDPSSLHYINPMGTNEYLSAIWAVGQIIQ
 DYDSKMFALGFAGLPPDWKVSHEFAINFNPTNPFCSGVDGIAQAYSACLPHIRFYGPTNFSPIVNHV
 ARFAAQATQQRATQYFILLIITDGVISDMEETRHAHVQASKLPMSIIIVGVGNADFAAMEFLDGD
 RMLRSHTGEEAARDIVQFVFPREFRNAKETLAKAVLAELPQQVVQYFKHKNLPPTNSEPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152727

ORF Size:	1644 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_152727.4</u>
RefSeq Size:	2252 bp
RefSeq ORF:	1647 bp
Locus ID:	221184
UniProt ID:	<u>Q96FN4</u>
Cytogenetics:	16q13
MW:	61.2 kDa