

Product datasheet for **RC203541A1V**

Human CPNE4 (NM_130808) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPNE4 (NM_130808) AAV Particle
Tag:	Myc-DDK
Symbol:	CPNE4
Synonyms:	COPN4; CPN4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203541 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGAAGAAGATGAGCAACATTTATGAGTCCGCTGCCAACACACTGGGAATCTTTAACAGCCCTGCCTGA
CCAAAGTTGAGCTGCGTGTGGCGTGCAAAGGCATTTCTGACAGAGATGCCCTTTCCAAACCAGACCCCTG
TGTCATCCTCAAGATGCAGTCTCATGGCAGTGGTTTGAGGTTGACAGGACTGAGGTGATTGCGACCTGC
ATAAACCCAGTGTACTCAAACTGTTTACTGTGGACTTTTACTTTGAGGAGGTGCAGCGCTGCGGTTTG
AAGTCCATGACATCAGCAGCAACCACAATGGGCTGAAGGAGGCCGACTTCCTTGGTGGCATGGAGTGCAC
ACTTGGCCAGATTGTTTCCAGAGAAAGCTGTCCAAATCCTTGCTGAAGCATGGGAACACAGCAGGGAAA
TCTTCCATCACGGTATTGCTGAAGAATTATCTGGCAATGACGACTATGTTGAGCTTGCATTCAATGCAC
GGAAATTGGATGACAAGGATTTCTCAGTAAATCTGACCCATTTCTGGAAATTTTTCGTATGAATGATGA
TGCAACTCAGCAGCTGGTGCACCGAACTGAGGTTGTGATGAATAACTTAAGCCAGCCTGGAAATCATTC
AAAGTATCTGTAATTTCTATGCAGCGGAGACCCAGACCGCCGGCTAAAGTGCATAGTATGGGACTGGG
ACTCCAATGGCAAGCATGACTTCATTGGAGAATTCACCTCGACATTCAAGGAGATGAGAGGAGCAATGGA
AGGGAACAGGTGCAGTGGGAGTGCATCAATCCCAAGTACAAAGCCAAGAAGAAGATTACAAGAACTCA
GGCACTGTGATTCTGAATCTGTGCAAGATTACAAGATGCATTCTTCTTGGACTACATCATGGGTGGCT
GCCAAATCCAGTTTACAGTAGCTATAGATTTCACTGCCTCAAACGGGGACCCAGGAACAGCTGTTCTT
GCACTACATCCACCTTACCAACCCAATGAGTATCTGAAAGCTTTGGTAGCTGTGGGGGAGATTTGCCAA
GACTATGACAGTGACAAAATGTTCCCTGCCTTTGGGTTTGGCGCCAGGATACCTCCAGAGTACACGGTCT
CTCATGACTTTGCAATCACTTTAATGAAGACAACCCAGAATGTGCAGGAATTCAGGAGTTGTGGAAGC
CTATCAGAGCTGTCTTCTTAAGCTCCAACCTCTACGGTCCCACCAACATTGCCCCCATCATCCAGAAGGTT
GCCAAGTCAGCGTCAGAGGAACTAACACCAAGGAGGCATCGCAATACTTCATCCTGCTGATCCTGACAG
ATGGTGTATCAGACATGGCCGACACCCGGGAGGCCATTGTCCATGCCTCCACCTCCCATGTGAGT
CATCATCGTGGGAGTAGGGAACGCTGACTTCAGTGACATGCAGATGCTGGACGGTATGATGGGATTCTG
AGGTACCCCAAGGAGAGCCTGTTCTTCGAGACATCGTCCAGTTCGTGCCCTTCAGGAACCTCAAACACG
CATCTCCAGCTGCCCTGGCAAAGAGCGTGTGGCTGAAGTCCCAAACCAAGTTGTGGACTATTACAATGG
CAAAGGAATTAACCAAAATGTTATCAGAAATGTATGAATCTTCCAGAACTAGCACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203541 protein sequence

Red=Cloning site Green=Tags(s)

 MKKMSNIYESAANTLGIFNSPCLTKVELRVACKGISDRDALSKPDPCVILKMQSHGQWFEVDRTEVIRTC
INPVYSKLFYVDFYFEEVQRLRFEVHDISSNHNGLKEADFLGGMECTLGQIVSQRKLKSLKKGNTAGK
SSITVIAEELSGNDYVELAFNARKLDDKDFFSKSDPFLEIFRMNDATQQLVHRTEVVMNNLSPAWKSF
KVSVNSLCSGDPDRRLKCIVWDWDSNGKHDFIGFTSTFKEMRGAMEGKQVQWECINPKYKAKKKNYKNS
GTVILNLCKIHKMHSFLDYIMGGCQIQFTVAIDFTASNGDPRNSCSLHYIHPYQPNELKALVAVGEICQ
DYDSKMFPAFGGARIPPEYTVSHDFAINFNEDNPECAGIQGVVEAYQSCLPKLQLYGPNTIAPIIQKV
AKSASEETNTKEASQYFILLILDGVITDMADTREAIVHASHLPMSVIVGVGNADFSDMQMLDGGDIL
RSPKGEVPLRDIVQFVPFRNFKHASPAALAKSVLAEPNQVVDYNGKGIKPKCSSEMYESSRTLAP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_130808

ORF Size:	1671 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_130808.1, NP_570720.1</u>
RefSeq Size:	4194 bp
RefSeq ORF:	1674 bp
Locus ID:	131034
UniProt ID:	<u>Q96A23</u>
Cytogenetics:	3q22.1
MW:	62.4 kDa