

Product datasheet for **RC205309A1V**

Human CPNE6 (NM_006032) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPNE6 (NM_006032) AAV Particle
Tag:	Myc-DDK
Symbol:	CPNE6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205309 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACCCTGAGATGGGATGGGTGCCTGAGCCCCAAACCATGACGCTGGGGCCTCTCGGGTGGAGC
 TCGGGGTGTCCTGCCATGGCCTCTGGACGGGACACACTCACCAAACCCACCCTGCGTGCTGCTCAA
 GCTCTACTCTGATGAGCAGTGGGTGGAGGTAGAGCGCACAGAGGTGCTTCGCTCCTGTTCCAGCCCTGTC
 TTCTCCCGGTGCTGGCCCTTGAATTTTTTTGAGGAGAAGCAGCCCGTGCAGTTCCACGTGTTTCGATG
 CCGAGGACGGAGCCACCAGCCCCGAAATGATACCTTCCTCGGCTCTACGGAGTGCACCTTGGGCCAGAT
 TGTGTCAAAACCAAGGTCACCTAAGCCATTATTGCTGAAGAATGGGAAGACTGCGGGCAAGTCCACCATC
 ACGATCGTGGCCGAGGAGGTATCAGGCACAAACGACTATGTGCAACTCACCTTCAGAGCCTACAAGCTGG
 ACAACAAGGATCTGTTTCAGCAAGTCTGACCCTTTCATGGAAATCTATAAGACCAACGAGGACCAAGTGA
 TCAGCTGGTCTGGAGAACTGAGGTGGTGAAGAACAACCTGAACCCAGCTGGGAGCCGTTCCGCCTGTCC
 CTGCATTCCCTATGCAGCTGTGATGTTACCGACCTCTCAAGTTCCTGGTGTATGACTATGACTCCAGTG
 GGAAGCATGACTTCATCGGCGAGTTCACCAGCACTTTCAGGAGATGCAGGAAGGGACGGCAAAACCTGG
 GCAGGAGATGCACTGGGACTGTATCAACCCCAAGTATCGGGACAAGAAGAAGATTACAAGAGCTCAGGG
 ACGGTAGTGCTGGCCAGTGCACGGTGGAGAAGGTGCACACCTTCCTGGATTACATCATGGGTGGCTGCC
 AGATCAGCTTCACGGTGGCCATTGACTTCACTGCCTCCAATGGGACCCGAGGAGCAGCCAGTCCCTGCA
 CTGCCTCAGTCCCGACAGCCCAACCACTACCTGCAGGCCCTGCGTGCAGTGGGAGGCATCTGCCAGGAC
 TATGACAGTGATAAGCGGTTCCAGCTTTTGGCTTTGGGGCTCGAATCCCCCCTCACTTCGAGGTGTCCC
 ATGACTTTGCTATCACTTTGACCCGAAAAATCCTGAATGTGAAGAGATCTCAGGGGTCACTCGCCTCCTA
 CCGTCGTTGCCCGCCAGATCCAGCTCTACGGCCCCACCAATGTGGCCCCCATCATCAACCGTGTGGCT
 GAGCCGCCCCAGCGGAGCAGAGCACCGGCCAAGCCACGAAGTACTCGGTGCTGCTGGTCTCACTGACG
 GTGTGGTGAAGCATGGCTGAGACTCGCACTGCTATCGTGCGTGCCTCCCGCCTGCCCATGTCCATCAT
 CATCGTAGGCGTGGGCAATGCTGACTTCTCTGACATGCGGCTGCTGGATGGGACGACGGCCCTTGCGC
 TGCCCCGAGGGGTGCCTGCAGCCGAGACATTGTCCAGTTCGTGCCCTCCGAGACTTCAAGGATGCTG
 CCCCCTCTGCACTCGCAAGTGTGCTGCTGAGGTGCCACGGCAGGTGGTGGAGTACTACGCCAGCCA
 GGGCATCAGCCCTGGGGCTCCAGGCCCTGCACACTGGCTACGACTCCAGCCCTAGCCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205309 protein sequence
 Red=Cloning site Green=Tags(s)

MSDPEMGWVPEPQMTLGASRVELRVSCHLLDRDTLTKPHPCVLLKLYSDEQWVEVERTEVLRSCSSPV
 FSRVLALLEYFFEEKQPVQFHVDAEDGATSPRNDTFLGSTECTLGQIVSQTKVTKPLLLKNGKTAGKSTI
 TIVAEVSGTNDYVQLTFRAYKLDNKDLFSKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLS
 LHSLCSCDVHRPLKFLVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG
 TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHYLQALRAVGIGICQD
 YSDKRFPAGFGGARIPPNEFVSHDFAINFDPENPECEEISGVIASRRCLPQIQLYGPTNVAPIINRVA
 EPAQREQSTGQATKYSVLLVLTGTVSDMAETRTAIVRASRLPMSIIIVGVGNADFSDMRLLDGGDGPLR
 CPRGVPAARDIVQFVPRDFKDAAPSALAKCVLAIEVPRQVVEYYASQGISPGAPRPCTLATTPSPSP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006032

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_006032.2</u>
RefSeq Size:	2235 bp
RefSeq ORF:	1674 bp
Locus ID:	9362
UniProt ID:	<u>O95741</u>
Cytogenetics:	14q11.2
MW:	62 kDa