

Product datasheet for **RC221043A1V**

Human CPNE1 (NM_152929) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPNE1 (NM_152929) AAV Particle
Tag:	Myc-DDK
Symbol:	CPNE1
Synonyms:	copine-1; copine I; COPN1; CPN1; MGC1142; OTTHUMP00000030775; OTTHUMP00000030776
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221043 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCCACTGCGTGACCTTGGTTCAGCTGTCCATTTCTGTGACCATCTCATTGACAAGGACATCGGCT
 CCAAGTCTGACCACTCTGCGTCCTTTTACAGGATGTGGGAGGGGGCAGCTGGGCTGAGCTTGGCCGGAC
 TGAACGGGTGCGAACTGCTCAAGCCCTGAGTTCTCCAAGACTCTACAGCTTGAGTACCGCTTTGAGACA
 GTCCAGAAGCTACGCTTTGGAATCTATGACATAGACAACAAGACGCCAGAGCTGAGGGATGATGACTTCC
 TAGGGGTGCTGAGTGTTCCTAGGACAGATTGTGTCCAGCCAGGTACTGACTCTCCCTTGATGCTGAA
 GCCTGGAAAACCTGCTGGGCGGGGACCATCACGGTCTCAGCTCAGGAATTAAGGACAATCGTGTAGTA
 ACCATGGAGGTAGAGGCCAGAACCTAGATAAGAAGGACTTCTGGGAAAATCAGATCCATTTCTGGAGT
 TCTTCCGCCAGGTGATGGGAAATGGCACCTGGTGTACAGATCTGAGGTATCAAGAACAACCTGAACCC
 TACATGGAAGCGTTTCTAGTCCCCGTTAGCATTTTCTGTGGTGGGAACCCAGCACACCCATCCAGGTG
 CAATGCTCCGATTATGACAGTGACGGGTACATGATCTCATCGGTACCTTCCACACCGAGCTTGGCCGAGC
 TGCAGGAGTCCCGGCTGAGTTTGAATGCATCCACCCTGAGAAGCAGCAGAAAAAGAAAGCTACAAGAA
 CTCTGGAACATCCGTGTCAAGATTTGTGCGGTAGAAACAGAGTACTCCTTTCTGGACTATGTGATGGGA
 GGCTGTGAGTCAACTTCACTGTGGCGTGGACTTCACTGGCTCCAATGGAGACCCCTCCTCACCTGACT
 CCCTACACTACCTGAGTCCAACAGGGGTCAATGAGTACCTGATGGCACTGTGGAGTGTGGGCAGCGTGGT
 TCAGGACTATGACTCAGACAAGCTGTTCCCTGCATTTGGATTTGGGGCCAGGTTCCCTCTGACTGGCAG
 GTCTCGCATGAATTTGCCTTGAATTTCAACCCAGTAACCCCTACTGTGCAGGCATCCAGGGCATTGTGG
 ATGCCTACCGCCAAGCCCTGCCCAAGTTCGCCTCTATGGCCCTACCAACTTTGCACCCATCATCAACCA
 TGTGGCCAGGTTTGCAGCCAGGCTGCACATCAGGGGACTGCCTCGCAATACTTCATGCTGTTGCTGCTG
 ACTGATGGTGTGTGACGGATGTGGAAGCCACAGTGGGCTGTGGTGCCTGCAACCTGCCATGT
 CAGTGATCATTGTGGGTGTGGTGGTGTGACTTTGAGGCCATGGAGCAGCTGGACGCTGATGGTGGACC
 CCTGCATACAGTCTTGGGCAGGCTGCTGCCGCGACATTGTGCAGTTTGTACCTACCGCCGGTCCAG
 AATGCCCTCGGGAGGCATTGGCACAGACCGTGTGCGAGAAGTGCCACACAAGTGTCTCATACTTCA
 GGGCCAGGTTGGGCCCCGCTCAAGCCACTTCCACCCTCAGCCAAGGATCTGCACAGGCCCCCAGGC
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221043 protein sequence
 Red=Cloning site Green=Tags(s)

MAHCVTLVQLSISCDHLIDKDIGSKSDPLCVLLQDVGGGSWAE LGRTERVRNCSSPEFSKTLQLEYRFET
 VQKLRFGIYDIDNKTPELRDDDFLGAECSLGQIVSSQVLTPLMLKPGKPAGRGITITVSAQELKDNRVV
 TMEVEARNLDKKDFLGKSDPFLEFFRQGDGKWHLYRSEVIKNNLNPTWKRFSVPVQHF CGGNPSTPIQV
 QCSDYDSDGSHDLIGTFHTSLAQLQAVPAEFECIHPEKQKKKSYKNSGTIRVKICRVETEYSFLDYVMG
 GCQINFVGVDF TGSNGDPSSPSLHLYSPTGVNEYLMALWSVGSVVQDYDSKLFPAFGFGAQVPPDWQ
 VSHEFALNFNPSNPYCAIGI VDAYRQALPQVRLYGTNFAPIINHVARFAAQAAHQGTASQYFMLLLL
 TDGAVTDVEATREAVVRASNLPM SVIIVGVGGADF EAMEQLDADGGPLHTRSGQAAARDIVQFVPYRRFQ
 NAPREALAQTVLAEVPTQLVSYFRAQGWAPLKLPPSAKDPAQAPQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152929

ORF Size:	1611 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_152929.1, NP_690906.1</u>
RefSeq Size:	2199 bp
RefSeq ORF:	1613 bp
Locus ID:	8904
Cytogenetics:	20q11.22
MW:	59.1 kDa