

Product datasheet for **RC219637A1V**

Human CPNE8 (NM_153634) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPNE8 (NM_153634) AAV Particle
Tag:	Myc-DDK
Symbol:	CPNE8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219637 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGACAGCCGCTACAACAGCACTGCGGGCATCGGGGACTTGAACCAGCTGAGCGCTGCCATCCCGGCCA
 CGCGGGTGGAGGTGTCCGTGTCTGCAGAAATCTTCTTGACAGAGACACATTTTCTAAATCTGATCCAAT
 TTGTGTCTTATATGTACAAGGAGTTGGAATAAAGAATGGAGAGAGTTTGAAGAAGTGAAGTAATTGAT
 AATACTTTAAATCCTGATTTTGAAGAAAGTTTATTCTGGACTACTTTTTTGAAGAAAGAGAGAATCTTC
 GTTTTGACTTGTATGATGTTGATTCAAAGAGCCCCAACTTATCCAAACATGACTTTCTGGGACAAGTGTT
 TTGTACATTGGGAGAGATCGTTGGTTCACAGGGAAGTCGCCTGGAAAAACCAATAGTAGGAATCCAGGG
 AAGAAATGTGGTACAATCATACTTACAGCAGAGGAATTAAGTGTGCAGGGATGCCGTTTTGATGCAAT
 TTTGTGCGAACAATTTGGACAAGAAGGACTTCTTTGAAAAATCAGATCCTTTCTTGATTTTATCGAAG
 TAATGAAGATGGCAGTTTACAATTTGTACAAGACAGAAGTTGTCAAAAACACTCTAAATCCAGTATGG
 CAAGCATTCAAGATCTCAGTCAGAGCATTATGTAATGGAGACTATGACAGAACAATCAAAGTAGAGGTGT
 ATGACTGGGACCGAGATGGAAGTCATGATTTTCATTGGAGAATTTACAACAAGCTATAGGGAACCTTCTAG
 AGGGCAGTCACAATTCACGTATATGAGGTGGTGAATCCCAAAAAGAAAGGAAAAAGAAAAATATACT
 AATTCTGGAACAGTAACCTTACTCTCTTTCTTGGTAGAAACAGAAGTTTCATTCTTGACTACATTAAGG
 GAGGGACGCAATCAATTTACAGTGGCTATTGATTTTACAGCATCAAACGGCAACCCTGCTCAGCCCAC
 TTCCCTCCACTATATGAATCCTTACCACTGAATGCCTATGGTATGGCACTAAAAGCAGTGGGAGAAAT
 GTTCAAGATTATGACAGTGATAAAATGTTTCCAGCTCTAGGATTTGGTGCAAACTGCCTCCAGATGGAA
 GGATATCTCACGAATTTGCTTTGAATGGGAATCCTCAAAACCCCTACTGTGATGGCATTGAGGGGGTCAT
 GGAGGCTTATTACAGGAGTCTGAAATCTGTACAACATATGAGGCCACCAACTTTGCTCCTGTAATTAAT
 CATGTAGCAAGATATGCTTCTTCTGTAAGGATGGCTCCAGTATTTTGTGCTTCTGATTGTTACAGATG
 GTGTTATCTCAGATATGGCCAGACTAAGGAGTCCATAGTTAATGCCTCAAACTTCCAATGTCAATAAT
 TATAGTAGGTGTTGGACCAGCAGAAATTTGATGCAATGGTGAATGGATGGAGATGATGAAGAGTCTCC
 TCTAGAGGAAAATATGCTGAAAGAGACATTGTGCAGTTTGTGCCATTACAGGATTATATTGACAGAAGTG
 GAAACCACATACTGAGCATGGCTAGATTGGCTAAAGATGTCCTAGCTGAGATCCCTGAGCAGTTTCTCTC
 CTATATGAGAGCCCGAGGAATCAAGCCATCACCTGCGCCTCCCCATACACCCACCTACACATGTGTTA
 CAGACTCAAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219637 protein sequence
 Red=Cloning site Green=Tags(s)

MDSRYNSTAGIGDLNQLSAAIPATRVESVSCRNLLDRDTFSKSDPICVLYVQGVGNKEWREFGRTEVID
 NTLNPDFVRKFILDYFFEERENLRFDLYDVDSKSPNLKHDFLGQVFCITLGEIVGSQGSRLKPIVGIPG
 KKCGTIILTAELNCCRDVLMQFCANKLDKDDFFGKSDPFLVFYRSNEDGSFTICHKTEVVKNTLNPNVW
 QAFKISVRALCNGDYDRTIKVEYVDWDRDGSDFIGFTTSYREL SRGQSQFNVEVVPNPKKGGKKKYT
 NSGTVTLLSFLVETEVSFLDYIKGGTQINFVAIDFTASNGNPAQPTSLHYMNPYQLNAYGMALKAVGEI
 VQDYDSDKMFALGFGAKLPPDGRISHEFALNGNPQNPYCDGIEGVMEAYYRSLKSVQLYGPNTFAPVIN
 HVARYASSVKDGSQYFVLLIVTDGVIDSMAQTKESIVNASKLPMSIIIVGVPAEFDAMVELDGDVVRVS
 SRGKYAERDQVFPFRDYIDRSGNHILSMARLAKDVLAEIPEQFLSYMRARGIKPSPAPPYTPPTHVL
 QTQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_153634
ORF Size:	1692 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_153634.2</u>
RefSeq Size:	3476 bp
RefSeq ORF:	1695 bp
Locus ID:	144402
UniProt ID:	<u>Q86YQ8</u>
Cytogenetics:	12q12
MW:	63.1 kDa