

Product datasheet for **RC210312A1V**

Human CNDP1 (NM_032649) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CNDP1 (NM_032649) AAV Particle
Tag:	Myc-DDK
Symbol:	CNDP1
Synonyms:	CN1; CPGL2; HsT2308
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210312 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATCCCAAACCTCGGAGAATGGCTGCGTCCCTGCTGGCTGTGCTGCTGCTGCTGCTGCTGGAGCGCG
 GCATGTTCTCCTCACCCTCCCGCCCCGGCGCTGTTAGAGAAAGTCTTCCAGTACATTGACCTCCATCA
 GGATGAATTTGTGCAGACGCTGAAGGAGTGGGTGGCCATCGAGAGCGACTCTGTCCAGCCTGTGCCTCGC
 TTCAGACAAGAGCTCTTCAGAATGATGGCCGTGGCTGCGGACACGCTGCAGCGCCTGGGGCCCCGTGGG
 CCTCGGTGGACATGGGTCTCAGCAGCTGCCCGATGGTCAGAGTCTTCCAATACCTCCCGTCATCCTGGC
 CGAACTGGGGAGCGATCCACGAAAGGCACCGTGTGCTTCTACGGCCACTTGGACGTGCAGCCTGCTGAC
 CGGGGCGATGGGTGGCTCACGGACCCCTATGTGCTGACGGAGGTAGACGGGAACTTTATGGACGAGGAG
 CGACCGACAACAAAGGCCCTGTCTTGGCTTGGATCAATGCTGTGAGCGCCTTTCAGAGCCCTGGAGCAAGA
 TCTTCTGTGAATATCAAAATTCATCATTGAGGGGATGGAAGAGGCTGGCTCTGTTGCCCTGGAGGAACTT
 GTGGAAAAAGAAAAGGACCGATTCTTCTCTGGTGTGGACTACATTGTAATTTTCAGATAACCTGTGGATCA
 GCCAAAGGAAGCCAGCAATCACTTACGGAACCCGGGGAAACAGCTACTTCATGGTGGAGGTGAAATGCAG
 AGACCAGGATTTTCACTCAGGAACCTTTGGTGGCATCCTTAATGAACCAATGGCTGATCTGGTTGCTCTT
 CTCGGTAGCCTGGTAGACTCGTCTGGTCATATCCTGGTCCCTGGAATCTATGATGAAGTGGTTCTCTTA
 CAGAAGAGGAAATAAATACATACAAAGCCATCCATCTAGACCTAGAAGAATACCGGAATAGCAGCCGGGT
 TGAGAAATTTCTGTTTCGATACTAAGGAGGAGATTCTAATGCACCTCTGGAGGTACCCATCTTTTCTATT
 CATGGGATCGAGGGCGCGTTTGATGAGCCTGGAACAAAACAGTCATACCTGGCCGAGTTATAGGAAAAT
 TTTCAATCCGCTAGTCCCTCACATGAATGTGCTGCGGTGAAAAACAGGTGACACGACATCTTGAAGA
 TGTGTTCTCAAAGAAATAGTTCCAACAAGATGGTTGTTTCCATGACTCTAGGACTACACCCGTGGATT
 GCAAAATTTGATGACACCCAGTATCTCGCAGCAAAAAGAGCGATCAGAACAGTGTGGAACAGAACAG
 ATATGATCCGGGATGGATCCACCATTCCAATTGCCAAAATGTTCCAGGAGATCGTCCACAAGAGCGTGGT
 GCTAATTCGCTGGGAGCTGTTGATGATGGAGAACATTCGAGAATGAGAAAAACAACAGGTGGAACACTAC
 ATAGAGGGAACCAAATATTTGCTGCCTTTTCTTAGAGATGGCCAGCTCCAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210312 protein sequence
 Red=Cloning site Green=Tags(s)

MDPKLGRMAASLLAVLLLLLLLERGMFSSPSPPPALLEKVFQYIDLHQDEFVQTLKEVVAIESDSVQPVPR
 FRQELFRMMAVAADTLQRLGARVASVDMGPQQLPDGQSLPIPPVILAE LGSDPTKGTVC FYGHLDVQPAD
 RGDGWL TDPYVL TEVDGKLYGRGATDNKGPVLAWINAVSAFRALEQDLPVNIKF IIEGMEEAGSVALEEL
 VEKEKDRFFSGVDYIVISDNLWISQRKPAITYGTRGNSYFMVEVKCRDQDFHSGTFGGILNEPMADLVAL
 LGSLVDSSGHILVPGIYDEVVPLTEEEINTYKAIHLDLEEYRNSRVEKFLFDTKEEILMHLWRYPSLSI
 HGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAREKQVTRHLEDVFSKRNSNKMVVSMTLGLHPWI
 ANIDDTQYLAAKRAIRTVFGTEPDMIRDGSTIPIAKMFQEI VHKSVVLIPLGAVDDGEHSQNEKINRWNY
 IEGTKLFAAFFLEMAQLH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_032649

ORF Size:

1524 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_032649.5</u>
RefSeq Size:	2211 bp
RefSeq ORF:	1524 bp
Locus ID:	84735
UniProt ID:	<u>Q96KN2</u>
Cytogenetics:	18q22.3
MW:	56.8 kDa