

Product datasheet for **MR230092A1V**

Mouse Cndp2 (NM_001289531) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cndp2 (NM_001289531) AAV Particle
Tag:	Myc-DDK
Symbol:	Cndp2
Synonyms:	0610010E05Rik; C76600; Cn2; Dip-2; Pep-1; Pep1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230092 representing NM_001289531
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCAGCCCTCAAAGCTGTCTTCCAGTATATCGATGAAAACCAGGACCCTACGTCAAGAACTTCGAG
 AATGGGTGGCCATCCAGAGCGTGTCCGCATGGCCGGAGAAGAGAGGAGAGATCAGAAGGATGATGGAGGT
 GGCAGCTGCCGATGTCCAGAGGCTGGGGGGCTCCGTGGAAGTGGTGGATATTGGGAAGCAGAAGCTCCCA
 GATGGCTCGGAGATACCACTTCTCCATTCTGCTGGCAAGCTAGGCAGCGACCCCCAGAAGAAAACCG
 TGTGCATTTACGGGCACCTGGACGTGCAGCCTGCGGCCCTGGAGGACGGGTGGGACAGCGAGCCCTTAC
 CTTGGTGGAGCGGAAGCAAGCTGTATGGGAGAGGCTCCACGGACGATAAGGGGCCAGTGGCCGGTGG
 ATGAATGCCCTGGAAGCCTATCAGAAGACTGGTCAGGAGATCCCAGTCAACCTGCGGTTCTGCCTGGAAG
 GCATGGAGGAGTCTGGCTCCGAAGGCCGGATGAGCTCATTTTTGCCAGAAAGACAAGTCTTCAAAGA
 TGTGGACTATGTGTGCATTTAGACAATTACTGGCTGGGAAGAATAAGCCGTGTATCACGTACGGCCTC
 AGAGGCATCTGTTACTTCTTCATCGAGGTGGAATGCAGTGACAAAGACCTCCATTCTGGGTATATGGAG
 GCTCAGTGCACGAGGCCATGACGGATCTCATTTCACTGATGGGCTGCCTGGTAGACAAGAGGGGAAGAT
 CCTCATCCCGGCATCAACGATGCCGTGGCGCCTGTGACGGATGAGGAGCATGCGCTCTACGACCACATT
 GACTTCGATATGGAAGAGTTCGCCAAGGACGTGGGGGCTGAGACCCTTCTGCACAGTGCAGAAAGACA
 TCCTGATGCACAGATGGCGATACCCGTCCTCTCCCTGCATGGGATCGAAGGGGCTTCTCCGGTTCAGG
 GGCCAAGACTGTGATCCCAGAAAGGTGGTCGGCAAGTCTCCATCAGGCTCGTCCAGACATGATACCG
 GAAGTTGTTAGCGAGCAAGTTTCAAGCTACTTGTCAAAAAATTTGCTGAACTGCAGAGCCCCAACAAAGT
 TCAAGGTGTACATGGCCACGGCGGAAGCCCTGGGTGTCTGACTTCAACCATCCTCATTACGAGCGGG
 GAGAAGAGCCCTGAAGACAGTGTGGTGGTGGAGCCTGACTTGACCAGAGAAGGTGGCAGTATTCTCTGTG
 ACCTTGACCTTTCAAGAGGCCACAGGCAAAAATGTCATGCTATTGCCAGTGGGTGAGCAGATGACGGTG
 CCCACTCGCAGAAAGCTCAACAGGCTCACTACATAGAAGGAACCAAAAATGCTGGCTGCATATCT
 GTATGAGGTGTCTCAGCTGAAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230092 representing NM_001289531
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MSALKAVFYIDENQDRYVKKLAEWVAIQSVSAWPEKRGEIRRMMEVAAADVQRLGGSVELVDIGKQKLP
 DGSEIPLPILLGKLGSDPQKKTVCYIYGHLDVQPAALDGDWSEPFLLVEREGKLYGRGSTDGKGPVAGW
 MNALAYQKTGQEIIPVNLRFCLGMEESGSEGLDELIFAQKDKFFKDVDVYVCISDNYWLGKNKPCITYGL
 RGICYFFIEVECSKDLHSGVYGGSVHEAMTDLISLMGCLVDKKGKILIPGINDAVAPVTDEEHALYDHI
 DFDMEEFKDVGAETLLHSCCKDILMHRWRYPSLSLHGIEGAFSGSGAKTVIPRKVVGKFSIRLVPMIP
 EVVSEQVSSYLSKKFAELQSPNKFVYMGHGGKPVVSDFNHPHYQAGRRALKTVFGVEPDLTREGGSIPV
 TLTFQEATGKNVMLLPVGSADDGAHSQNEKLNRLNYIEGTMKLAAYLYEVSQKLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001289531

ORF Size:

1425 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_001289531.1</u> , <u>NP_001276460.1</u>
RefSeq Size:	2169 bp
RefSeq ORF:	1428 bp
Locus ID:	66054
UniProt ID:	<u>Q9D1A2</u>
Cytogenetics:	18 E4
MW:	52.8 kDa