

Product datasheet for **MR219018A1V**

Mouse Cndp1 (NM_177450) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cndp1 (NM_177450) AAV Particle
Tag:	Myc-DDK
Symbol:	Cndp1
Synonyms:	A1746433; Cn1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR219018 representing NM_177450
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTCTCTTCGGCACACTCTGGGCTGTGGAGAAGCTCTTCCACTACATAGACCTCCACCAGGATGAGT
 TCGTGCAGACACTGAAGGAGTGGGTGGCCATTGAGAGTATTCTGTGCAGCCTGTGCCTCGTCTCAGACA
 GAAGCTCTTCCAGATGATGGCCTTGGCTGCAGACAAACTCCGGAACCTGGGAGCTGGGGTGGAGTCCATA
 GACTTGGGTTCTCAGCAGATGCCTGATGGTCAGAGTCTCCCCATACCTCCTATCCTATTGGCTGAGCTGG
 GAAGTGATCCCGAGAAGCCAAGTATGCTTCTATGGGCACCTGGACGTGCAGCCAGCTCAGAAGGACGA
 CGGGTGGCTCACGACCCTACACACTGACAGAGGTGGATGGGAACTGTATGGACGGGGAGCAACAGAC
 AACAAAGGGCCCGTCTTGGCTTGGATCAATGCCGTGAGCACCTTCAGAGCTCTGCAGCAGGATCTCCCG
 TGAACATCAAACCTCATCTGGAGGGAATGGAAGAAGCCGGTCCATCGCCCTGGAGGAACTCGTCATGAG
 AGAAAAGGACCCTTCTCTCCAGTGTGGACTACATTGTGATTTAGACAACCTGTGGCTCAGCCAGAGG
 AAACCTGCACTCACTTATGGAACCCGGGGAACCTGCTACTTCACGGTGGAGGTGAAGTGTAGAGATCAAG
 ATTTCCACTCAGGAACCTTTGGTGGCATCCTCAACGAACCAATGGCTGACTTGGTTGCTCTTCTAGGTAG
 CCTGGTGGATTATCAGGCCACATCCTAATTCCTGGAATCTATGATCAAATGGCACCTATTACAGAGGGA
 GAAAAGACAATGTATAAAAACATTGATATGGACCTAGAAGAATACCAGAACATCAACCAAGTTGAGAAAT
 TTCTGTTTGATACCAAGGAGAACTTCTGATGCACCTGTGGAGGTATCCGTCTCTCTCCATCCATGGCAT
 CGAGGGTGCCTTTGATGAGCCTGGAACATAACAGTATTCCCGCCGAGTCTTAGGAAATTTTCAATC
 CGTCTAGTCCCTACCATGTCTCCGTCTGTGGTGGAGAAACAGGTAACCTCAGCATCTCGAAGCTGTCTTCT
 CTAAGAAGAAATAGTTTCAACAAGATGGCCGTTTCTATGGTCTTAGGACTCCACCCATGGACTGCAACCT
 CAATGATACTCAGTACCTTGCAGCACAGAGAACCATCAAACAGTGTTTGGAGTTAATCCTGACATGATC
 CGGGATGGGTCAACCATTCCAATTGCCAAAATATTCCAGGCTATCACACAAAAGAGTGTGATGATGCTCC
 CACTGGGAGCTGTGGACGATGGAGAGCACTCTCAGAATGAGAAGATCAACAGGTGGAACCTACATACAGG
 GTCGAAATTATTCGCTGCCTTTTTCTGGAGTTGTCAAACAGCATTACAGGACACCAGATGCCTTCCAGT
 GTCTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219018 representing NM_177450
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MFSSAHSGLLEKLFHYIDLHQDEFVQTLKEWVAIESDSVQVPVRLRQKLFQMMALAADKLRNLGAGVEST
 DLGSQQMPDQSLPIPPILLAE LGS DPEKPTVCFYGHLDVQPAQKDDGWL TDPYTLTEVDGKLYGRGATD
 NKG PVLAWINAVSTFRALQQDL PVNIK ILEG MEEAGS IALEELVMREKDHFFSSVDYIIVISDNLWLSQR
 KPALTYGTRGNCYFTVEVKCRDQDFHSGTFGGILNEPMADLVALLGSLVDSSGHILIPGIYDQMAPITEG
 EKTMYKNIDMDLEEYQINQVEKFLFDTK ELLMHLWRYP SLSIHGIEGAFDEPGTKTVIPGRVLGKFSI
 RLVPTMSPSVVEKQVTQHLEAVFSKRNSFNKMAVSMVGLHPWTANVNDTQYLAARTIKTVFGVNPDMI
 RDGSTIPIAKIFQAITQKSVMLPLGAVDDGEHSQNEKINRWNYIQGSKLFAAFFLELSKQSHGHQMPSS
 VY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_177450

ORF Size:

1476 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_177450.4</u> , <u>NP_803233.2</u>
RefSeq Size:	2829 bp
RefSeq ORF:	1479 bp
Locus ID:	338403
UniProt ID:	<u>Q8BUG2</u>
Cytogenetics:	18 E4
MW:	55.5 kDa