

## Product datasheet for **MR208001A1V**

### Mouse Cdadc1 (NM\_001168537) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cdadc1 (NM_001168537) AAV Particle
Tag:	Myc-DDK
Symbol:	Cdadc1
Synonyms:	2310010M10Rik; AI449174; AI463398; BB130816; NYD-SP15
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208001 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAAGAAACGGATCAGATGCAGAGTTTGAGGGTCCGGGGCCGAGAGGTCAGTCGGCACGCAGACGG  
 GCAGCATGACGGGTCAAATACCAAGGCTTTCTAAAGTGAACCTTTTCACCCTGCTCAGTCTCTGGATGGA  
 GCTCTTCCAGGAGTGAAGCCCAAGGGCAAAAATCTCAGAAAACCTGAAGAGGAAAGCCGTGGTCCCTTA  
 GGAGACAATGAAGAGTTGACCAGAGTGTCTACTGAAAAAACAGGTGAAGAAAACCTGGTCTTGTGGTGG  
 TGAAAAACATGAAGATCATTGGTCTTCACTGCTCCAGTGAAGACTTACATACTGGGCAAATTGCTCTCAT  
 TAAGCATGGGTCCAGGCTGAAAACTGTGATCTTTATTTTTCAAGAAAACCATGTTCTGCTTGTTTGAAA  
 ATGATAGTGAATGCTGGAGTTAACCGAATTTCTACTGGCCTTCTGACCCAGAAAATAAGTTTGCTCACTG  
 AAGCTTCTAGTCTGAAGATGCAAAGCTAGATGCCAAAGCCGAGAAAAGATTGAAGTCAAACAGCCGGGC  
 CCATGTGTGTGCTTACTCCAGCCGTTGGTGTGTACATGGTGCAGTTTGTGGAGAAAACCTTTACAAA  
 TGTGACTTTATTCAGAAAACGAAAAGCGTTGCCGGGTGCTGACACTGATTTTTATTCTGAATGTAAC  
 AAGAAAAGATAAAGAGTATGAAATGTTATTTTTGGTTTCAAATGAAGAAAGGCATAAGCAGATACTGAT  
 GACTATAGGTCTGGAGAGCCTGTGTGAAGACCCCTATTTAGCAATCTAAGGCAAAAACATGAAAGACCTG  
 ATTCTACTTTTGGCCACAGTAGCTTCTAGTGTGCCCAACTTGAACACTTCGGATTCTACTGTAGCAGCC  
 CAGAGCAGATTAATGAAATTCACAATCAGAGTTTGCCACAGGAAGTTGCAAGGCATTGCATGGTGCAGGC  
 CAGGTTATTGGCATATCGAACTGAGGATCATAAACAGGAGTTGGAGCTGTCAATTTGGGCAGAAGCGAAA  
 TCTAGAAGCTGCGATGGGACTGGAGCCATGTACTTCATAGGGTGCAGGTAACAATGCCTTTCCCGTGGGCT  
 CTGAGTATGCCGACTTCCCGCATGGATGACAAGCATAAAGACAGAGAAAATACGGAAGTTCAGATACAT  
 CATACATGCGGAGCAGAAGCGTTTACATTTAGATGTCAAGATATAAAACCAGAAGAACCGCAGCATGATT  
 TTTGTGACAAAATGCCCTGTGATGAATGTGTGCTTTAATTAAGGTGCAGGCATAAAGCAGATCTATG  
 CTGGTACGTAGATGTTGAAAGAAGAAAGCAGACATCTCGTACATGAAGTTTGGGGAGCTTGAGGGTGT  
 TCGCAAATTCACATGGCAGTTGAATCCGTCTGAAGCTTATAGTCTTGACCCAAATGAGCCTGAAAGGAGA  
 GAAAGATCAGCCACAACCGCTTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208001 protein sequence  
 Red=Cloning site Green=Tags(s)

MKETDQMQSLEGSAGERSVGTQTSMTGQIPRLSKVNLFTLLSLWMELFPGVEAQGQKSQKTEEESRGPL  
 GDNEELTRVSTEEKQVKTGLVVVKNMKIIGLHCSSDLHTGQIALIKHGSRLKNCDLYFSRKPCSACKL  
 MIVNAGVNRISYWPSPDPEISLLTEASSSEDAKLDAKAAERLKSNSRAHVCVLLQPLVCYMQVFVEETS  
 SYKCDFIQKTAKALPGADTDYFSECKQERIKEYEMLFLVSNEERHKQILMTIGLESLCEDPYFSNLRQNMKDL  
 ILLLATVASSVPLKHFYFCSPEQINEIHNQSLPQEVARHCMVQARLLAYRTEDHKTGVGAVIWA  
 EAKSRSCDGTGAMYFIGCGYNAFPVGEYADFPHMDDKHKDREIRKFRYIIHAEQNALTFRCQDIKPEERSMI  
 FVTKCPDECVPLIKGAGIKQIYAGDVDVGGKKADISYMKFGELEGVKFTWQLNPSEAYSLDPNEPERR  
 ERSATTACF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001168537

**ORF Size:**

1500 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001168537.1</a></u> , <u><a href="#">NP_001162009.1</a></u>
<b>RefSeq Size:</b>	2221 bp
<b>RefSeq ORF:</b>	1500 bp
<b>Locus ID:</b>	71891
<b>UniProt ID:</b>	<u><a href="#">Q8BMD5</a></u>
<b>Cytogenetics:</b>	14 C3
<b>MW:</b>	56.2 kDa