

## Product datasheet for **MR218922A1V**

### Mouse Cadm2 (NM\_178721) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cadm2 (NM_178721) AAV Particle
Tag:	Myc-DDK
Symbol:	Cadm2
Synonyms:	2900078E11Rik; 9330131D06; A830029E02Rik; Igdf4d; Igsf4d; NECL3; SynCAM 2; SynCAM2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR218922 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATTTGAAACGCAGCGCGGTTCTCCGCTTCTACAGTGTCTGCGGGCTCCTGTTACAAGCGGCTGCTT  
CAAAAAGTAAAGTCAAAGGCAGCCAAGGGCAGTTTCCACTAACTCAGAATGTCACGGTTGTTGAAGGTGG  
AACTGCAATTTTGACCTGCAGAGTTGATCAAAATGATAACACCTCCCTCCAGTGGTCAAATCCAGCTCAA  
CAGACTCTGTACTTCGATGACAAGAAAGCTTTAAGGGACAATCGGATCGAGCTGGTTCGCGCTTCTTGCC  
ATGAGTTGAGCATCAGTGTGATGTCTCTCTCGGATGAAGGACAGTACACCTGCTCTTATTAC  
AATGCCTGTCAAACCTCAAGGCCTATCTCACTGTCTGCGGTGTTCCGGAGAAGCCTCAGATTAGTGGA  
TTTTCGTCACCCGTCATGGAGGGAGACCTGATGCAGCTGACTTGTAAAGACGTCCGGCAGTAAGCCTGCGG  
CTGATATAAGATGGTTCAAAAATGACAAAGAAATCAAAGATGTGAAGTACTTGAAAGAGGAGGATGCTAA  
CCGAAAGACCTTACCCTTAGCAGCACGCTGGATTTCCGAGTGGACCGTAGCGATGATGGAGTGGCGGTC  
ATCTGCAGAGTAGACCATGAGTCCCTCAATGCCACCCCTCAGGTAGCCATGCAGGTGCTAGAAATCACT  
ATACCATCAGTTAAGATTATACCATCGACTCCTTTCCACAAGAAGGGCAGGCTTTAACGTTGACCTG  
TGAATCTAAAGGAAAACCACTGCCAGAACCTGTTTTGTGGACGAAGGATGGTCCGAATTACCAGATCCT  
GATCGAATGGTTGTGAGTGGTAGGAACTCAACATTCTTCTTCTGAACAAAACGGACAATGGCATTACC  
GATGTGAAGCCACTAACACCATTGGCCAAAGCAGTGCCGAGTATGTCCTATTGTTACGATCCCAATTC  
TCTGGCTGGCCAGAATGGCCCTGACCATGCTCTCATCGGAGGAATAGTGGCTGTTGTTGTTATTGTTACA  
CTGTGCTCCATATTCCTGCTTGGCCGATATCTGGCAAGACATAAAGGAACATATCTAACAAATGAAGCTA  
AAGGAGCCGAAGATGCACCAGATGCCGACACAGCCATTATCAATGCTGAAGGCAGCCAAGTCAATGCCGA  
AGAGAAAAAGAGTATTTTCATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;MR218922 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MIWKRSVAVLRFYSVCGLLLLQAAASKSKVKGSQGQFPLTQNVTVVEGGTAILTCRVDQNDNTSLQWSNPAQ          QTLYFDDKKALRDNRIELVRASWHELISISVSDVSLSDEGQYTCSLFTMPVKTSKAYLTVLGVPEKPKISG          FSSPVMEGDLMQLTCKTSGSKPAADIRWFKNDKEIKDVKYLKEEDANRKTFTVSSTLDFRVDRSDDGVAV          ICRVDHESLNATPQVAMQVLEIHYTPSVKIIIPSTPFPQEQALTLTCEESKGGKPLPEPVLWTKDGAELPDP          DRMVVSGRELNILFLNKTDNGTYRCEANTIGQSSAEYVLIVHDPNSLAGQNGPDHALIGGIVAVVVFVT          LCSIFLLGRYLARHKGTYLTNEAKGAEDAPDADTAIINAEGSQVNAEEKKEYFI</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Mouse
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_178721
<b>ORF Size:</b>	1215 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>	<a href="#">NM_178721.4</a> , <a href="#">NP_848836.2</a>
<b>RefSeq Size:</b>	9580 bp
<b>RefSeq ORF:</b>	1215 bp
<b>Locus ID:</b>	239857
<b>UniProt ID:</b>	<a href="#">Q8BLQ9</a>
<b>Cytogenetics:</b>	16 C1.3- C2
<b>MW:</b>	44.4 kDa