

## Product datasheet for **MR216980A1V**

### Mouse Pm20d1 (NM\_178079) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pm20d1 (NM_178079) AAV Particle
Tag:	Myc-DDK
Symbol:	Pm20d1
Synonyms:	4732466D17Rik; AI098026
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR216980 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTGAGCTACTTGCTAGCTTGCCCGCCTGGCAGCTGTGCTCCTTCTTTTTTCGCTACGGTCTCCG  
 GATCCACTGGCCCTAGAAGCAGGAAAAATCGGGGGCGTCCCGATCCCTTCCCAGTTACGCGAGGAGGA  
 GCGTGTGCTATAAAAAGAGGCGCTGAAAGGTGCCATCCAGATCCACAGTGTCTTTCAGCCACGAGGAA  
 TCCAACACCACAGCCCTTGCTGAGTTTGGAGAATATATCCGCAAAGCCTTCCCTACAGTGTCCACAGCA  
 GCCTTGTCCAACATGAAGTCGTGGCAAAGTATAGCCACCTGTTACCATCCAAGGCTCAGACCCAGTTT  
 GCAGCCCTACATGCTGATGGCTCACATTGATGTGGTTCCTGCCCGGAAGAAGGATGGGAGTGCCCCCG  
 TTCTCAGGCTGGAACCAATGGCTTCTATATGGCCGGGTGCGCTGGACAACAAAACTCTGTGATGG  
 CGATCCTGCATGCTTTGGAGCTCCTGTTGATCAGAAACTACAGCCCCAAAAGATCTTTCTTCATTGCTTT  
 GGGCCATGATGAGGAGGTGTCCGGGAAAAGGGGGCTCAGAAGATCTCAGCACTTTACAGGCAAGGGGT  
 GTCCAGCTAGCCTTCTTGTGGATGAAGGGAGCTTATCTTGAAGGCTTCATCCAAACCTCGAGAAGC  
 CAGTTGCCATGATTTAGTCACTGAGAAGGGTGCCCTTGACCTCATGCTGCAAGTAAACATGACTCCAGG  
 CCACTTTCAGCTCCCCAAAGGAGACAAGCATTGGCATTCTTCTGCCGCTGTGAGCCGACTGGAGCAG  
 ACACCAATGCCGAATATGTTTGGAGGAGGGCCATTGAAGAAGACAATGAAGCTACTGGCAATGAGTTTT  
 CCTTCCCTATCAATATAGTCTTGAGAAACCTGTGGCTATTTTATCCCATTGTGAGCAGGATAATGGAGAG  
 GAACCCATAACAATGCGCTGGTCCGAACTACCACAGCCCTCACCATGTTCAATGCAGGAATCAAGGTG  
 AATGTCATCCCTCCATTGGCTCAGGCTACAATCAACTGCCGAATTCACCCTTCGCAGACAGTACATGAGG  
 TCCTGAACTTGTCAAGAACACCGTGGCTGATGACAGAGTCCAGCTGCATGTGTTGAGATCCTTTGAACC  
 CCTGCCATCAGCCCTCTGATGACCAGGCCATGGGCTACCAGCTGCTTCAAGAGACCATACGATCTGTC  
 TTCCCGAAGTCGACATCGTCGTCGCCCGGATTTGTATTGCAATACGGACACCCGACACTATGCCAACA  
 TCACCAATGGCATGTACCGTTCAACCCCTTCCCTGAACCCTCAGGACTTCAGTGGTGTCCATGGAAT  
 CAATGAGAAAGTTTCCGTTCAGAACTACCAGAACCAGGTGAAGTTCATCTTTGAGTTCATCCAAATGCC  
 GACACTTACAAAGAGCCAGTTCCTCATCTGCATGAACTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR216980 protein sequence  
 Red=Cloning site Green=Tags(s)

MAELLASLPAAVAALLFFATVSGSTGPRSRENRGASRIPSQFSEEERVAIKEALKGAIQIPTVSFSHEE  
 SNTTALAEFGEYIRKAFPTVFHSSLVQHEVVAKYSHLFTIQSDPSLQPYMLMAHIDVVPAPPEGWEVPP  
 FSGLERNGFYGRGALDNKNSVMAILHALELLLIRNYSKRSFFIALGHDEEVSGEKGAQKISALLQARG  
 VQLAFLVDEGSFILEGFIPNLEKPVAMISVTEKALDLMLQVNMTPGHSSAPPKETSIGILSAAVSRLEQ  
 TPMPNMFGGGPLKKTMLLANEFSPINIVLRNLWLFHPIVSRIMERNPITNALVRTTTALTMFNAGIKV  
 NVIPPLAQATINCRIHPSQTVEVLELVKNTVADDRVQLHVLRSFEPLPISPSDDQAMGYQLLETIRSV  
 FPEVDIVVPGICIANTRHYANITNGMYRFNPLPNPQDFSGVHGINEKVSQVQYQVQKIFEFIQNA  
 DTYKEPVPHEL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_178079

**ORF Size:**

1512 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_178079.3</a></u> , <u><a href="#">NP_835180.2</a></u>
<b>RefSeq Size:</b>	3540 bp
<b>RefSeq ORF:</b>	1512 bp
<b>Locus ID:</b>	212933
<b>UniProt ID:</b>	<u><a href="#">Q8C165</a></u>
<b>Cytogenetics:</b>	1 E4
<b>MW:</b>	55.7 kDa