

Product datasheet for **MR221940A1V**

Mouse Pnn (NM_008891) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pnn (NM_008891) AAV Particle
Tag:	Myc-DDK
Symbol:	Pnn
Synonyms:	AU045199; D12Erttd512e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR221940 representing NM_008891
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGTGCGCGTGAGAGCTTTGCAGGAGCAGCTAGAGAAGGCCAAAGAGAGCCTCAAGAATGTGGACG
 AGAATATCCGCAAGCTCACCGGCGGGACCCGAATGATGTGAGGCCCATCCAAGCCAGATTGCTGGCCCT
 TTCTGGTCCTGGTGAGGTAGAGGACGAGGTAGCTTATTGCTAAGGCGTGGATTCTCAGATAGTGGAGGA
 GGACCCCCAGCCAAACAAAGAGACCTGGAAGGGCAGTCAGTAGGCTGGGTGGGAGCGTCGGACAAGAA
 GAGAATCACGCCAGGAGAGCGACCCAGAAGACGATGATGTTAAAAAGCCAGCACTGCAATCTTCCGTTGT
 AGCTACCTCCAAAGAGCGCACGCGCAGAGACCTTATCCAGGATCAAAACATGGATGAGAAGGGGAAGCAA
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 ACACGTAAATTGCTGAGCAGGAAGTAATGGAACTAACCAGTTGAAAGTATAGAGCCTTCAGAAAATGAA
 ACTAGCAAAGAATTGGAGCCAGAGATGGAATTTGATGTTGAGCCAGATAAAGAATGTAATCTCTTTCTC
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 CCCCATTCTCAGCCCCACTCCCAGCCCCAGCCTGTACTCCAGTCCCAGCCTCTCTGTGAGCCTGAGACTT
 TGCCATTAGCTGTTTTGAGCCTCCACCTCAGGTTATTCAGGAGCAAGGGAATCTACTACCTGAGCGGAA
 GGATTTTCTCTAGAGTCTATAAACTCCCTGAGGTGTCTGTAGAGCCAGTCTTGACAGTACATTCAGAA
 AACAAAAGCAAGAATAAGACTAGGAGCAGGAGCAGGGGCGAGCAAGGAATAAAACAAGCAAGAGTAGAA
 GTCGGAGCAGCAGCAGCAGTAGTTCCAGTAGCAGCTCTACTAGTAGCAGCAGCGGAGCAGCTCCAGCAG
 TGGCAGCAGCAGTAGTCAAGCAGCTCCAGCAGCAGCTCCAGCAGCAGTGGGAGCAGCAGCAGAGACAGC
 AGCAGCAGCACTAGCAGTAGCAGTGAGAGTAGGAGTCGCAGTAGGGGCCGAGGACATAACCGAGATAGGA
 AGCAGAGAAGGAGCGTGGACCGGAAGCGAAGGGATACTTCAGGACTAGAAAGAAGTCACAAGTCTTCAA
 AGGTGGTAGTAGTAGAGATACAAAAGGATCAAAGGATAAGAGTTCCCGCCCTGACAGAAAAAGGTCTATA
 TCAGAGAGTAGTCGATCAGGCAAAAGATCTTCAAGAAGTGAAGAGACCGAAAAATCAGACAGGAAAGACA
 AAAGGCGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR221940 representing NM_008891 Red=Cloning site Green=Tags(s) MAVAVRALQEQLKAKESLKNVDENIRKLTGRDPNDVRPIQARLLALSGPGGGRGRGSLLLRRGFSDSGG GPPAKQRDLEGAVSRLGGERRTRRESRQESDPEDDDVKKPALQSSVVATSKERTRRDLIQDNMDEKQKQ RNRRIFGLLMGTLOKFKQESTVATERQKRRQIEQKLEVQAEERKQVENERRELFEERRAKQTELRLLE QKVELAQLQEEWNEHNAKIIKYIRTKTKPHLFYIPGRMCPATQKLIIESQRKMNALFEGRRIEFAEQINK MEARPRRQSMKEKEHQVVRNEEQKAEQEEGKVAQREEELEETGNQHNDVEVEEAGEEEKEAGIVHSDAE KEQEEEEEQKQEMEVKTEEEAEVREGEKQDSQPEEVMDVLEMVESVKHVIAEQEVMETNQVESIEPSENE TSKELEPEMEFDVEPDKECKSLSPGKENINSQEVEKESEEKEEKEPEPQPEPVAQPQPPQPLPQSQ PHSQPHSQPQPVLSQPLCQPETLPLAVLQPPPQVIEQGNLLPERKDFPLESIKLEPVSVPEVLTVHSE NKSNNKTRSRGRARNKTSKSRSSSSSSSSSSSTSSSSGSSSSGSSSSSSSSSSSSSTSGSSSRDS SSSTSSSESRSRGRGHNRDRKHRSVDRKRRDTSGLERSHKSSKGGSSRDTKGSKDKSSRPDRKRSI SESSRSGKRSSRSERDRKSDRKDKRR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008891
ORF Size:	2178 bp
Buffer:	PBS with 0.001% Pluronic F3323
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_008891.2</u> , <u>NP_032917.2</u>
RefSeq Size:	3469 bp
RefSeq ORF:	2181 bp
Locus ID:	18949
UniProt ID:	<u>O35691</u>
Cytogenetics:	12 26.0 cM
MW:	83 kDa