

## Product datasheet for **MR207938A1V**

### Mouse Pnkp (NM\_021549) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pnkp (NM_021549) AAV Particle
Tag:	Myc-DDK
Symbol:	Pnkp
Synonyms:	1810009G08Rik; PNK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207938 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCACAGCTTGGATCCCGGGCCGCCTGTGGCTGCAGAGCCCACCGTGGGCCGCCCTATATTCC  
 TGCCGTCGGATGGCCAAGCCCTGGTCTCGGTCGGGGACCCCTGACCCAAGTGAAGGACCGGAAGTGCTC  
 CCGAAACCAAGTGGAGCTGATTGCAGACCCCTGAAAGCCGGACAGTGGCAGTGAACAGCTGGGTGTTAAC  
 CCGTCAACTGTTGGGTCATGAGTTGAAGCCAGGACTGTCTGGCTCTCTAAGCTTGGGGATGTCCTTT  
 ATCTGGTTAATGGCCTATATCCCTGACCCTGCGTTGGGAAGAGCTCAGCACATCAGGATCCCAGCCAGA  
 TGCTCCACCAGACTCCTGGGATCCGGAGGAGGAGGATACTGAGCCTCAGAAAAAGCGAGTTCGG  
 AAATCCTCTCTGGCTGGGAGAGCTTAAAGAAGTTACTGGTGTTCACAGCGTCTGGGTGAAGCCCCAGG  
 GCAAGGTGGCTGCCTTTGACCTAGATGGGACCCTCATCACCACCCGCTCTGAAAGGTCTTCCCCTAG  
 CCCTAGTACTGGAGATTCTGTACCCAGAGATTCCAAGAAGCTCCAGGAGCTGGCTGTGAAGGTAC  
 AAGTTGGTAATCTTACCAACCAAAATGGGCATCGGGCAGGCAAGCTGCCAGCAGAGGTGTTCAAGGGCA  
 AGGTGGAAGCTGATTGGAGAAGTTAGGGTCCATTTCAAGTGTGGTGGCAACACATGCAGGTCTAAA  
 CCGAAAGCCAGTGAAGTGGCATGTGGACCATCTGCAGGAGCAGGCCAACGAGGGCATCCCCTCTCGGTA  
 GAGGACAGTGTCTTCTGGGAGATGCAGCAGGGCGCCTAGCCAAGTGGCACCAGGGGAGAAAAAAGG  
 ATTTCTCTTGTGACAGCCGCCTGTTTCGCCCTAACGTCGGCTGCCCTTTGCCACTCCGGAAGAGTTTTT  
 CCTTAAGTGGCCGGCTGCCCGCTTTGAGCTTCCAGCTTCGACCCGAGGACTATCTCCAGTGTGGGCC  
 CTCTACCTTCCAGAGTCCAGCTCTCTCTGAGCCCAACCCAGAGTGGTGGTGCAGTAGGATTCCCTG  
 GGGCCGCAAGTCCACTTTCATCCAGGAGCACCTAGTGTGAGCTGGCTACGTCATGTAACAGGACAC  
 GCTGGGCTCGTGGCAGCGCTGTGTGAGCTCATGCCAGGCGGCACTGAGGCAAGGGGAAGCGAGTCGTGATT  
 GACAACACCAACCCAGATGTCCAAGTGGGCCAGGTACATCCAATGTGCCAAAGATGCAGGTGTGCCCT  
 GCCGCTGTTTCAACTTCTGTGCTACAATAGAGCAGGCACGCCACAACAACAGGTTCCGTGAGATGACCGA  
 CCCTTCGCATGCACCTGTGTCGGACATGGTCATGTTTAGCTACAGGAAGCAGTTTGGCCGCCACACTG  
 GCTGAAGGCTTCTGGAGATCCTTGAATTCCATTCCGGTTACAGGAGCATCTGGACCCGGCACTGCAGC  
 GACTGTACCGCCAGTTTTCCGAGGGC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207938 protein sequence  
 Red=Cloning site Green=Tags(s)

MSQLGSRGRLWLQSPTGGPPPIFLPSDQALVLGRGPLTQVTRKCSRNVQVELIADPESRTVAVKQLGVN  
 PSTVGVHELKPLSGSLSLGDVLYLVNGLYPLTLRWEELSTSGSQPDAPPDTPGDPEEGEDTEPQKKRVR  
 KSSLGWESLKKLLVFTASGVKPKQKVAAFDLDTLITRSGKVFPTSPSDWRILYPEIPKKLQELAAEGY  
 KLVIFTNQMGIGRGKLPAEVFKGKVEAVLEKLGVPFQVLVATHAGLNRKPVSGMWDHLQEANEGIPISV  
 EDSVFGDAAGRLANWAPGRKKKDFSCADRLFALNVGLPFATPEEFFLKWPAARFELPAFDPRTISSAGP  
 LYLPESSLLSPNPEVVAVGFPGAGKSTFIQEHLVSAGYVHVNRDTLGSWQRCVSSQAALRQKRVVI  
 DNTNPDVPSRARIQCAKDAGVPCRCFNFCATIEQARHNNRFREMTDPSHAPVSDMMFMSYRQKFEPTL  
 AEGFLEILEIPFRLQEHLDPALQRLYRQFSEG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_021549

**ORF Size:**

1569 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_021549.2</a></u> , <u><a href="#">NP_067524.2</a></u>
<b>RefSeq Size:</b>	2134 bp
<b>RefSeq ORF:</b>	1569 bp
<b>Locus ID:</b>	59047
<b>Cytogenetics:</b>	7 B3
<b>MW:</b>	57.2 kDa