

## Product datasheet for **MR227616A1V**

### Mouse Npr3 (NM\_008728) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Npr3 (NM_008728) AAV Particle
Tag:	Myc-DDK
Symbol:	Npr3
Synonyms:	ANP-C; ANPR-C; EF-2; Igj; NPR-C; stri
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR227616 representing NM\_008728  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCGGTCCTTGCTGCTGTTCACTTTCTCGGCGTGCCTGCTGCTGGCCCGGTGCTGCTGGCTGGCGGC  
 CGAGCAGCGGCCCGGGGACACCCGGCCAGGCAGCAGGCGCCGGGCGAGAGAGGCGCTGGCGGCTCAAAA  
 GATCGAGGTGCTTGTCTATTGCCCGGGACGATTCTGACTTGTCTCGCTGGCCCGGTGAGGCCGGCC  
 ATCGAGTACGCGCTGCGTAGCGTGGAGGGCAATGGCACCGGGAGGAAGCTGCTGCCCGCGGGCACTCGCT  
 TCCAGGTGGCCTACGAAGACTCGGACTGCGGCAACCCGCGCTTTCAGTCTTGTGGACCGCTGGCGGC  
 GCGCGCGCGGCCAAGCCGATCTCATCTGGGCCCGTGTGCGAGTACGCGCGCGCCGGTGGCTCGG  
 CTGGCGTCTACTGGGACCTGCCGATGTGTCCGAGGAGCGCTGGCCCGGTTCCAGCACAAGGACA  
 CGGAATACTCGCACCTCACGCGCTGGCGCTGCCTACGCCAAGATGGGAGAGATGATGCTCGCTCTGTT  
 TCGCCACCACCCTGGAGCCGTGCAGCCCTGGTCTACAGCGACGACAACTCGAGAGGAAGTGTATTTTC  
 ACCCTCGAGGGGTCCACGAGGTTTTTCAGGAGGAGGGTTGCACACGTCTGCCTACAATTTTCGACGAAA  
 CCAAAGACTTGGACCTGGACGACATAGTGCGCTACATCCAAGGCAGCGAGCGAGTGGTGATCATGTGTGC  
 CAGTGGTGACACCATTTCGAGAAATCATGTTGGCGGTGCACAGACACGGCATGACCAGTGGAGACTACGCT  
 TTCTTCAACATTGAACCTTCAACAGTCTTCTTACGGAGATGGCTCGTGGAGGAGAGGAGACAAACACG  
 ACTCTGAAGCTAAACAAGCACTCTGTCCTCCAAACAGTCACTCTACTGAGGACCGTGAACCTGAGTT  
 TGAGAAGTTTTCCATGGAGGTGAAAAGTTCTGTTGAGAAAAGGGCTCAATGAGGAGGATTACGTGAAC  
 ATGTTTGTGAAGGTTCCATGACGCCATCTCCTCTACGTTCTGGCTTACACGAAGTGTCTGAGCTG  
 GCTACAGCAAGAAGGATGGGGGAAAAATCATCCAGCAGACTTGAACAGGACATTTGAAGGTATCGTGG  
 GCAGGTGCCATAGATGCCAACGGGACCGGTATGGGGACTTCTCTGTGGTTGCCATGACTGACACTGAA  
 GCAGGCCACCAAGAGGTATTGGTGATTACTTTGGGAAAAGAGCCGGTTCCAAATGCGATCGAATGTCA  
 AATATCCTTGGGGCCCTTTGAACTGAGACTAGATGAGACCAGAATCGTGGAGCATACCAACAGCTCTCC  
 TTGCAATCATGTGGCCTAGAAGAATCTGCAGTACAGGAATCGTTGTGGGGCCCTACTAGGTGCTGGC  
 TTGCTAATGGCCTTCTACTTTTTAGGAAGAAATACAGAATAACCATTGAGAGGCGAAATCAGCAAGAGG  
 AAAGCAACATCGGAAGCATCGAGAGCTGCGGGAAGATTCCATCAGATCACATTTTTCGGTGGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR227616 representing NM\_008728  
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MRSLLLFTFSACVLLARVLLAGGASSGAGDTRPGSRRRAREALAAQKIEVLVLLPRDDSYLFLSLARVRPA  
 IEYALRSVEGNGTGRKLLPPGTRFQVAYEDSDCGNRALFSLVDRVAAAARGAKPDLILGPVCEYAAAPVAR  
 LASHWDLPMLSAGALAAAGFQHKDTEYSHLTRVAPAYAKMGEMMLALFRHHHSRAALVYSDDKLERNCYF  
 TLEGVHEVFQEEGLHTSAYNFDETKDLDDIVRYIQGSERVVIMCASGDTIRRIMLAVHRHGMTSGDYA  
 FFNIELFNSSSYDGSWRRGDKHDSEAKQAYSSLQTVTLRLRTVKPEFEKFSMEVKSSVEKQGLNEEDYVN  
 MFVEGFHDAILLVYLALHEVLRAGYSKKDGGKIIQQTWNRTFEGIAGQVSIANGDRYGDFSVVAMTDE  
 AGTQEVIGDYFGKEGRFQMRSNVYKYPWGPKLRLDETRIVEHTNSSPCKSCGLEESAIVTGIIVGALLGAG  
 LLMAFYFRKKYRITIERRNQQEESNIGKHRELREDSIRSHFVA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_008728

**ORF Size:**

1605 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_008728.2</a></u> , <u><a href="#">NP_032754.2</a></u>
<b>RefSeq Size:</b>	6927 bp
<b>RefSeq ORF:</b>	1611 bp
<b>Locus ID:</b>	18162
<b>UniProt ID:</b>	<u><a href="#">P70180</a></u>
<b>Cytogenetics:</b>	15 5.83 cM
<b>MW:</b>	60.3 kDa