

Product datasheet for **MR209972A1V**

Mouse Gnpat (NM_010322) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gnpat (NM_010322) AAV Particle
Tag:	Myc-DDK
Symbol:	Gnpat
Synonyms:	AU019525; D1Ertd819e; DHAPAT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209972 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGACGTTCTAGCTCCTCCAGCTCCCGATTCTCGGTCGGCTCGGCCAGCCCTAGCAGTGTGCTCCTCT
 ATGCGAAAGACCTCAAAAAGTGGGATGAGTTTGAAGATCTGTTAGAGGAGAGGAGACACATCAGTGACTT
 CAAATTTGCAATGAAGTGCTACACCCGCCCTTGTATAGGGGGATCACTCCCTGCAAGCCAGGGGACATC
 AAGTCCATTGTCTCAGTTCTGAAGAGATCAACTATGTCATTAAGCAGCTTTCTAGGGAGTCGTCGACAG
 GTGTGGATGTCTCCGAGAGGAAGCCAGTGAGATCCTCGAGGAGATGAGCCACAACTGCGCATAGGAGC
 CATTGGTTCTTTGCCTTTGTTCTGAGCAAAATCTTTAAACAGATCTTCTCAAAGGTGTGTGTAATGAA
 GAAGGCATTCAAAAGCTACAACGCGCTGTCCAGGAGCACCTGTGGTCTGTGCCAGTCACCGCAGCT
 ACATTGACTTCCTCATGCTGCTCTTATTCTCTACAGCTATGACCTGCCTGTGCCAGTGATCGCAGCAGG
 AATGGACTTCCTGGGAATGAGAGTGGTCACTGAGCTGCTCAGGATGTCTGGAGCCTTCTTCATGCGACGC
 ACTTTTGGAGGAAATAAACTCTACTGGGCCGTATTCTCTGAATATGTGAAGACCATGCTCGCGGTGTGGTT
 ATGCTCCTGTTGAATTTTCTCGAAGGACGAGGAGCCGAGCTGCCAAGACCCTGACTCCTAAGTTTGG
 TCTCCTGAATATTGTGATGGAACATTTTAAAGAGAAGTCTTCGATACCTACTTTGTCCCAATTAGC
 ATCAGTTATGATAAAATATTGGAAGAGAGTCTTTATGCATATGAGATCCTCGGAGTTCCTAAGCCGAAGG
 AGTCCACCACTGGATTGTTGAAAGCTAGACGGATTCTCTCTGAGAAGTTCGGAAGCATCCATGTGTAAT
 CGGAGACCCTGTATCACTGCGTTCTCTAGCTGCAGGGCGGCTCAATCGGAACACGTATAACTTGGTGCCA
 AGATGCATCCCTCAGAAGCAGCTGAGGACGTGCAAGCCTTTGTCACTGAGGTGCGCTATAAGATGCAGC
 TTCTGCAGATTGAAAACCTGGCTCTGAGCCCATGGCTCCTGGTGGTCAACATTCTACTTCAAACACAGCT
 ATCCATGGACTTTGACGCCCTGGTGGAGAAGACTCTGTGGCTGAAGGGCGTAACCCAGGTGTTTCGGCGGG
 TTCTGCTTTGGCCTGATAACAACTTCTGAGGAAGTGGTCCAGTCCAGCATCCTCTGCACTCTAACC
 TGGCCAGCCTTGTCAAAGACCAGGTGGTCTGAAAATGAACTCTGGAAGCTCACAAGTGGTCAACGGGCT
 TGTGCCCCGAACATATCGCCCTCCTCATGTGCTCTGCCTACAGGAACCAGCTGCTCAACATTTTGGCCGT
 CCTTCCTTAGTCGCCCTGGCTTTGCACATGACACCTGGGCTCAGGAAAGAGGATGTCTTCAGTTGCTTTT
 CCTTCCTCCGCAATGTGTTTTAGATGAGTTTCTTCCTTCCAGGAAACACACTCAGGGACTTTGAGGA
 AGGCTGTACTTGCTGTGTAAGCTGAGGCTATGCAGATGGCTGGGAAGGACATCATCTCACAGACAAA
 GGGACTGCTGTGTACAGTTCTCACAAGCCTTTTAAGCCTTTTGTGGAATCATATCAGTTACTTTGCA
 GATACCTCTTGATGAAGAGGACTACTTTGGTGAGAAGGAATACTTGGTTGCAGCCAGGAAGTTACCCG
 TCAGCTTCTGGATCAAGGCTCCTCTCAGTGTTACGATGCGCTGTCTTCTGAACTGCAGAAAAATGCCTTA
 GCAGCTTTCTGAGACTGGGGGTGGTGGAAAAGAAGATAGATAGTAAGTATGTGATTATGTGAACG
 GGCTGCCACAAGCAAGTTAGAAGAAATGCTCGGATGTAAGAAGCCAATAGGAAAACAGCCACTGCAAA
 ACTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209972 protein sequence Red=Cloning site Green=Tags(s) MDVPSSSSSRFSVGSASPSSVLLYAKDLKKWDEFEDLLEERRHISDFKFAMKCYTPPLYRGITPCKPGDI KSIVLSSEEINYYIKQLSRESLTGVDLREEASEILEEMSHKLRIGAIRFFAFVLSKIFKQIFSKVCVNE EGIQKLQRAVQEHVPVLLPSHRSYIDFLMLSFILYSYDLPVPVIAAGMDFLGMRVVSSELLRMSGAFFMRR TFGGNKLYWAVFSEYVKTMLRCGYAPVEFFLEGTRSRRAAKTLTPKFGLLNIVMEPFFKREVFDITYFVPIS ISYDKILEESLYAYEILGVPKPKESTTGLLKARRILSENFSGSIHVYFGDPVSLRSLAAGRLNRNTYNLVP RCIPQKQPEDVQAFVTEVAYKMQLLQIENLALSPWLLVVTILLQNQLSMDFDALVEKTLWLKGVTVQVFGG FLLWPDNKLPEEVVQSSILLHSNLASLVKDQVVLKMNSGSSQVVNGLVPEHIALLMCSAYRNQLLNIFAR PSLVALALHMTPLGRKEDVSCFSFLRNVSDEFIFLPGNTLRDFEEGCYLLCKAEAMQMAGKDIILTDK GTAVLQFLTSLFKPFVESYQLLCRYLLHEEDYFGEKEYLVAARKFTRQLLDQGSSQCYDALSSELQKNAL AAFVRLGVVEKKKIDSKYVVYVNGPATSKLEMLGCKKPIGKPATAKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010322
ORF Size:	2034 bp
Buffer:	PBS with 0.001% Pluronic F1072
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_010322.2</u> , <u>NP_034452.2</u>
RefSeq Size:	2984 bp
RefSeq ORF:	2037 bp
Locus ID:	14712
UniProt ID:	<u>P98192</u>
Cytogenetics:	8 72.81 cM
MW:	76.9 kDa