

Product datasheet for **MR227103A1V**

Mouse Mnat1 (NM_008612) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mnat1 (NM_008612) AAV Particle
Tag:	Myc-DDK
Symbol:	Mnat1
Synonyms:	E130115E11Rik; MAT1; P36
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR227103 representing NM_008612 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGACGACCAGGGCTGCCCCAGGTGTAAGACCACCAAGTACCGGAACCTTCTTTGAAGCTGATGGTGA
ACGTGTGCGGACACACTCTGTGTGAGAGTTGTGTGGACTTACTGTTTGAAGAGGAGCTGGAACTGTCC
TGAGTGTGGGACTCCACTGAGAAAGAGCAACTTCAGGGTACAACCTTTGAAGATCCCACTGTTGATAAG
GAGGTTGAAATTCGAAAAAAGTACTAAAGATATACAATAAAAGGGAAGAAGATTTTCTAGTTTAAGAG
AGTATAATGATTTTCTGGAAGAAGTGGAGGAAATCGTTTCAATTTGACCAACAATGTGGATTTGGAGAA
CACTAAAAAGAAAATGGAAATATATCAAAAAGAAAACAAAGATGTCATTACAGAAAAACAAATTAAGCTG
ACGCGGGAGCAGGAGGAGTTGGAGGAAGCATTGGAGGTAGAACGCCAAGAACATGAGCAGCGACGGCTGT
TCATACAAAAGGAAGAAGAGCTGCAGCAGGCTCTGAAAAGGAAGAACAAGCAGGCCTTTTATAGTGAAGCT
GGAGAGCTCCGACCTCCCTGTTGCTCTGCTCCTGGCGCAGCATAAAGACAGATCGACCCAGCTGGAAATG
CAGCTCGAGAAGCCCAGATCCATGAAGCCAGTGACGTTTTCCACAGGAATTAATGGGTCAACAGATTT
CATTAGCACCAATCCAAAAGCTGGAAGAAGCTCTTATGAGTACCAGCCCCTGCAGATAGAGACCTGTGG
CCCACAAGTTCTGAGCAAGAGCTCTTAGGACGGCTTGGGTATTTAAACCACGTCCGGGCTGCATCTCCA
CAGGATCTTGCTGGCGGCTATACTTCTTCTTCTGCTTGTACAGAGCGCTACAGGATGCGTTCAAGTGGG
TCTTCTGGCAGCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR227103 representing NM_008612 Red=Cloning site Green=Tags(s) MDDQGCPKCKTTKYRNPSLKLMMVNCVHTLCESCVDLLFVRGAGNCPECGTPLRKSNFRVQLFEDPTVDK EVEIRKKVLKIYNKREEDFPSLREYNDLEEVEEIVFNLNNVDLENTKKKMEIYQKENKDVIQKNKLKL TREQEELLEEALVERQEHEQRRLFIQKEEELQQALKRKNKQAFLELESSDLPVALLLAQHKDRSTQLEM QLEKPRSMKPVTFTSGIKMGQQISLAPIQKLEELALYEYQPLQIETCGPQVPEQELLGRLGYLNHVRAASP QDLAGGYTSSLACHRALQDAFSGLFWQPR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008612
ORF Size:	927 bp
Buffer:	PBS with 0.001% Pluronic F68
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_008612.2, NP_032638.2</u>
RefSeq Size:	2505 bp
RefSeq ORF:	930 bp
Locus ID:	17420
UniProt ID:	<u>P51949</u>
Cytogenetics:	12 C3
MW:	36.3 kDa