

Product datasheet for **MR206170A1V**

Mouse Mat2a (NM_145569) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mat2a (NM_145569) AAV Particle
Tag:	Myc-DDK
Symbol:	Mat2a
Synonyms:	D630045P18Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR206170 representing NM_145569 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAACGGGCAGCTCAACGGCTTCCACGAGGCGTTTCATTGAGGAGGGGACGTTCTTCACTTCCGAGT
CTGTAGGGGAAGGTCACCCAGATAAGATTTGTGACCAAATCAGTGATGCTGTCTTGATGCACACCTTCA
ACAAGACCCTGATGCTAAAGTGGCTTGTGAACTGTTGCTAAAAGTGAATGATTCTTCTTGCTGGGGAA
ATTACATCCAGAGCTGCCATTGATTACCAGAAAGTGGTTCGTGAAGCCATAAAGCACATTGGATATGATG
ACTCTTCAAAGGGTTTGACTACAAGACTTGTAAATGTGTGGTTGCCTTGAACAACAGTCACCAGATAT
TGCCCAAGGTGTTTCATCTTGACCGAATGAGGAAGATATTGGTGCAGGAGACCAGGGTTTGATGTTTGGT
TATGCCACTGATGAACTGAAGAGTGTATGCCTTTAACCATTGTCTTAGCACACAAGCTAAATGCCAAAT
TGGCTGAACTACGCCGAATGGTACATTGCCTTGGTTACGCCAGATTCTAAAAGTCAAGTACTGTGCA
ATATATGCAAGATCGGGGTGCTGTGCTTCCATCAGAGTCCACACGATTGTTATATCTGTTACGACAGT
GAAGAAGTTTGTCTTGATGAGATGAGGGATGCTCTGAAGGAGAAAAGTATCAAGGCTGTTGTACCTGCAA
AATACCTTGATGAGGATACAATTTACCACCTACAGCCAAGTGGCAGATTTGTTATTGGTGGGCTCAGGG
TGATGCTGGCCTGACTGGCCGAAAAATCATTGTGGATACTTATGGCGTTGGGGAGCTCATGGAGGAGGG
GCCTTTTCAGGAAAGGATTATACCAAAGTGGACCGTTCAGCTGCTTATGCTGCTGTTGGGTGGCAAAT
CCCTTGTTAAAGGAGTCTGTGCAGGAGGGTCTTGTTCAGGTCTCTTATGCTATTGGAGTTTCTCATCC
ATTGTCGATCTCCATTTCCATTATGGCACTTCTCAGAAGAGTGAGAGAGAGCTATTAGAAATGTAAG
AAGAATTTTATCTTCGCCCTGGGGTCACTGTGAGGGATCTGGATCTGAAGAAGCCAATTTATCAGAGGA
CTGCAGCCTATGGCCACTTTGGTAGGGACAGCTTCCATGGGAAGTGCCAAAAAGCTTAAATAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>MR206170 representing NM_145569 Red=Cloning site Green=Tags(s)</p> <p>MNGQLNGFHEAFIEEGTFLFTSESVGEGHPDKICDQISDAVLDAHLQQDPDAKVACETVAKTGMILLAGE ITSRAAIDYQKVVREAIKHIGYDDSSKGFYKTCNVLVALEQQSPDIAQGVHLDRNEEDIGAGDQGLMFG YATDETEECMPLTIVLAHKLNAKLAELRRNGTLPWLRPDSKTQVTVQYMQDRGAVLPPIRVHTIVISVQHD EEVCLDEMRDALKEKVIKAVVPAKYLDEDTIYHLQPSGRFVIGGPQGDAGLTGRKIIDVTYGGWAHGGG AFSGKDYTKVDRSAAYAARWVAKSLVKGGLCRRVLVQVSYAIGVSHPLSISIFHYGTSQKSERELLEIVK KNFDLRPGVIVRDLDLKKPIYQRTAAYGHFGRDSFPWEVPKCLKY</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_145569
ORF Size:	1185 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:	NM_145569.4
RefSeq Size:	2804 bp
RefSeq ORF:	1188 bp
Locus ID:	232087
UniProt ID:	Q3THS6
Cytogenetics:	6 C1
MW:	44.1 kDa