

Product datasheet for **MR230152A1V**

Mouse Nmt2 (NM_001290369) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nmt2 (NM_001290369) AAV Particle
Tag:	Myc-DDK
Symbol:	Nmt2
Synonyms:	A930001K02Rik; AI605445; AU044698; hNMT-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230152 representing NM_001290369
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGAGGAGACCGAACACGCCAAAGGAAGCCCTGGAGGGGATTTGGGAGCAAAAAAGAAAAGAAGAA
 ACAAAAAGAGAAAAAGGAGAAGCCAAATTTCTGGGGGTACCAAGTCCGACTCTGCATCTGACTCCCAGGAG
 ATTAAGATTCAGCAGTCTTCTAAACACAACGCCATCTGGCAGCAGATTTAGCAGGAGCAGCCATGGAAT
 CCCACCATCCCTATTCAGAAGCTACAAGACATCCAGAGAGCAATGGAGCTGCTGTCTGCATGCCAAGGCC
 CAGCCAGGAACATTGATGAGGCCACAAAACGCAGATACCAGTTTTGGGACACACAGCCAGTGCCCAAATT
 GAATGAAGTCATAACATCTCATGGTGAATTGAACCAGACAAAGACAATATCCGCCAGGAACCATATTCT
 TTGCCGAAGTTTTATGTGGGACACTTACAGTTGAGTAATGCCGAAGTGTGAAGGAGCTGTATACGT
 TGCTGAATGAGAATTATGTGGAAGACGATGACAATATGTTCCGCTTTGACTATTCACCTGAGTTTCTGCT
 GTGGGCTCTGCGCCCCCAGGATGGCTTCTGCAGTGGCACTGTGGAGTCCGAGTGTCTTCAAATAAAAAG
 TTAGTAGTTTTATAAGTGCCATTCAGCAAACATCCGAATTTATGATAGTGTGAAGAGGATGGTAGAAA
 TCAACTTTCTTTGTGTCCATAAGAAACTGAGATCAAAACGGGTAGCCCCAGTGTTGATTGAGAAAATAAC
 CAGAAGAGTGAACTGGAAGGCATCTTTAGGCTGTGTATACTGCGGGAGTAGTCTTCCTAAGCCTGTG
 GCCACTTGCAAGTATTGGCACCAGTCCCTAAACCCAGGAAACTGGTGGAAAGTGAATTTTCTCACCTGA
 GTAGAAACATGACCTTACAGAGAACGATGAAGCTTTACAGACTTCCAGATGTTACAAAGACTTCAGGTTT
 GAGACCAATGGAACAAAAGACATCAAAAGCAGTCCGAGAGCTAATCAACATCTACTTGAAGCAGTTTCAT
 CTAGCTCCAGTGTGGATGACGCAGAAGTGGCCACTGGTTCTGCCCAGGGAGCACATCATTGACACGT
 TTGTAGTGGAGAACCCAGTGGGAAGCTGACTGACTTCTGAGCTTCTACACTCTCCCTCCACGGTTAT
 GCACCACCCAGCTCACAAAAGCCTCAAGGCTGCCTATTCTTCTACAACATTACACAGAGACACCCCTG
 CTGGACCTCATGAATGATGCGCTCATTATAGCCAAATTGAAAGGATTTGATGTGTTCAATGCACTAGATT
 TGATGGAAAATAAGACCTTCTTGAAAAACTAAAGTTTGGTATAGGAGATGGCAACTTACAGTATTATTT
 GTACAACCTGGAGGTGTCCAGGGACAGACTCTGAAAAGTTGGACTTGTCTACAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230152 representing NM_001290369
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MRRRPNTPKALEGIWEQKRKRNRKREKRRSQILGVPSPTLHLTPRRLRFSSLLNTPSGSRFQQEQPWN
 PTIPIQKLQDIQRAMELLSACQGPARNIDEATKRRYQFWDTPVPKLNVEITSHGAIEPDKDNIRQEPYS
 LPQGFMDWDLDSNAEVLKELYLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLLQWHCGVRVSSNKK
 LVGFISAIPANIRIYDSVKRMVEINFLCVHKKLRSKRVAPVLIREITRRVNLEGIFQAVYTAGVVLPKPV
 ATCRYWHRSLNPRKLVKFLSHLSRNMTLQRTMKLYRLPDVTKTSGLRPMEPKDIKAVRELINIYLKQFH
 LAPVMDDAEVAHWFLPREHIIDTFVVENPSGKLTDFLSFYTLPTVMHHPAHKSLKAAYSFYNIHETPL
 LDLMNDALIIAKLKGFDVFNALDLMENKTFLEKLFKFGIGDGNLQYYLYNWRCPGTDSEKVGVLVLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001290369

ORF Size:

1455 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_001290369.1, NP_001277298.1</u>
RefSeq Size:	4411 bp
RefSeq ORF:	1458 bp
Locus ID:	18108
Cytogenetics:	2 A1
MW:	56.5 kDa