

## Product datasheet for **RC200594A1V**

### Human NMT1 (NM\_021079) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human NMT1 (NM_021079) AAV Particle
Tag:	Myc-DDK
Symbol:	NMT1
Synonyms:	NMT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC200594 representing NM\_021079  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGACGAGAGTGAACAGCAGTGAAGCCGCCGACCTCCGCTGCCGAGATGATGGAAGGAACG  
 GGAACGGCCATGAGCACTGCAGCGATTGCGAGAATGAGGAGGACAAACAGCTACAACCGGGTGGTTTGG  
 TCCAGCCAATGACTGAGCCAAAAAGAAAGAAAAAGAAAAAGAAAGAAAAAGGCAGTGA  
 ACAGATTCAGCCAGGATCAGCCTGTGAAGATGAACTCTTTGCCAGCAGAGAGGATCCAGGAAATACAGA  
 AGGCCATTGAGCTGTTCTCAGTGGGTCAGGGACCTGCCAAAACCATGGAGGAGGCTAGCAAGCGAAGCTA  
 CCAGTTCTGGGATACGCAGCCCGTCCCCAAGCTGGGCGAAGTGGTGAACACCCATGGCCCGTGGAGCCT  
 GACAAGGACAATATCCGCCAGGAGCCCTACACCCTGCCCCAGGGCTTACCTGGGATGCTTTGGACCTGG  
 GCGATCGTGGTGTGCTAAAAGAAGTGTACACCCTCCTGAATGAGAAGTATGTGGAAGATGATGACAACAT  
 GTTCCGATTTGATTATCCCGGAGTTCTTTTGTGGGCTCTCCGGCCACCCGGCTGGCTCCCCAGTGG  
 CACTGTGGGGTTCGAGTGGTCTCAAGTCGGAATTTGGTTGGGTTCAATTAGCGCCATCCCAGCAAACATCC  
 ATATCTATGACACAGAGAAGAAGATGGTAGAGATCAACTTCTGTGTGTCCACAAGAAGCTGCGTTCCAA  
 GAGGGTTGCTCCAGTTCTGATCCGAGAGATCACCAGGCGGGTTACCTGGAGGGCATCTTCCAAGCAGTT  
 TACTGTCGGGGTGGTACTACCAAAGCCCGTTGGCACCTGCAGGATTTGGCATCGGTCCCTAAACCCAC  
 GGAAGCTGATTGAAGTGAAGTCTCCACCTGAGCAGAAATATGACCATGCAGCGCACCATGAAGCTCTA  
 CCGACTGCCAGAGACTCCAAGACAGCTGGGCTGCGACCAATGGAACAAAGGACATTCCAGTAGTGAC  
 CAGCTCCTCACCAGGTAATCATCGACACTTTCGTTGGTGGAGAACGCAACGGAGAGGTGACAGATTT  
 GTTTCTACCCCGAGGAGATATCATCGACACTTTCGTTGGTGGAGAACGCAACGGAGAGGTGACAGATTT  
 CCTGAGCTTTTATACGCTGCCCTCCACCATCATGAACCATCAACCCACAAGAGTCTCAAAGCTGCTTAT  
 TCTTTCTACAACGTTACACCCAGACCCCTCTTAGACCTCATGAGCGACGCCCTTGTCTCGCCAAAA  
 TGAAAGGGTTTGTGTTCAATGCACTGGATCTCATGGAGAACAAAACCTTCTGGAGAAGCTCAAGTT  
 TGGCATAGGGGACGGCAACCTGCAGTATTACCTTTACAATTGGAATGCCCCAGCATGGGGGACAGAGAAG  
 GTTGGACTGGTCTACAA

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC200594 representing NM\_021079  
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MADESETAVKPPAPPLPQMMEGNGNGHEHCSDCENEEDNSYNRGGSPANDTGAKKKKKKQKKKKEKSE  
 TDSAQDQPVKMNSLPAERIQEIQKAIELFSVGQPAKTMEASKRSYQFWDTPVPKLGVEVNTHGVPVEP  
 DKDNIRQEPYTLPOGFTWDALDLGDRGVLKELYLLNENYVEDDDNMFREFDYSPEFLWALRPPGWLPQW  
 HCGVRVSSRKLVGFIISAIPANIHIYDTEKMMVEINFLCVHKKLRSKRVAPVLIREITRRVHLEIFQAV  
 YTAGVVLPKPVGTCRYWHRSLNPRKLIKVFSLSRNMTMQRTMKLYRLETPKTAGLRPMETKDIPIVVH  
 QLLTRYLQKQFHLTPVMSQEEVEHWFYPQENIIDTFVVENANGEVTDFLSFYTLPTIMNHPTHKSLKAA  
 SFYNVHTQPLLDLMSDALVLAKMKGFDFVFNALDLMENKTFLEKLFKFGIGDNLQYYLYNWKCPSMGAEK  
 VGLVLQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_021079

**ORF Size:**

1488 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_021079.3</a></u>
<b>RefSeq Size:</b>	4903 bp
<b>RefSeq ORF:</b>	1491 bp
<b>Locus ID:</b>	4836
<b>UniProt ID:</b>	<u><a href="#">P30419</a></u>
<b>Cytogenetics:</b>	17q21.31
<b>MW:</b>	56.6 kDa