

Product datasheet for **RC202876A1V**

Human NMT2 (NM_004808) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NMT2 (NM_004808) AAV Particle
Tag:	Myc-DDK
Symbol:	NMT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202876 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGGACAGCGAGTCTGCGGCCAGCCAGCAGAGCCTGGAAGTGGACGACCAGGACACGTGCGGGA
 TAGACGGGGACAATGAGGAGGAGACGGAGCACGCCAAAGGAAGTCTGGAGGGTATTTGGGAGCCAAAA
 GAAAAAGAAGAAACAGAAAGAGAAAAAGGAGAAACCAATTCCGAGGACCAAGTCAGACTCGGCATCT
 GATTCCAGGAGATTAAATTCAGCAGCCTTCGAAAAATCCAGTGTTCCAATGCAGAAGTTGCAGGATA
 TCCAGAGAGCAATGGAGCTGCTATCCGCATGCCAGGGCCAGCCAGGAACATTGATGAGGCTGCAAAGCA
 CAGATACAGTTTTGGGACACACAACCGGTACCAAACTAGATGAAGTCATAACATCTCATGGTGAATT
 GAACCAGATAAAGACAACGTACGCCAAGAACCGTATTCTTTGCCACAGGGTTTTATGTGGGACACTTTAG
 ACTTGAGTGATGCCGAAGTGCTCAAGGAGTTATACACGTTGTTAAATGAGAATTACGTAGAAGATGATGA
 CAATATGTTCCGATTTGACTATTACCCGAGTTCCTGTTGTGGGCTCTGCGTCCACCAGGCTGGCTCCTG
 CAGTGGCACTGTGGGGTCAGAGTGTCTTCAATAAAAACTGGTCGGGTTCAATAGTGCCATCCCAGCAA
 ACATTCGGATTTATGACAGTGTGAAGAAGATGGTAGAAATCACTTTCTTTGTGTTCAAGAAGTTGAG
 ATCGAAACGGGTAGCCCCAGTGCTAATCCGAGAGATCACTAGAAGAGTGAACCTGGAAGGGATCTTCCAG
 GCTGTGTACACCGCGGGAGTGGTTCTTCTAAGCCATAGCCACATGCAGATACTGGCATCGATCACTAA
 ACCCAAAAAATTGGTAGAAGTGAATTTCTCACTTGAGTAGAAATATGACTTTACAGAGAACAATGAA
 GCTATACAGACTTCCAGATGTTACAAAGACTTCAGGTTTGAGACCAATGGAACCAAAAGATATCAATCA
 GTTCGAGAATTAATCAACACTTACCTGAAGCAGTTTCATCTGGCTCCAGTGATGGATGAAGAGGAAGTAG
 CCCACTGGTTCCTCCCCGGGAGCACATTATTGACACGTTTGTAGTGGAGAGCCCCAACGGTAACTGAC
 TGATTTCTGAGCTTCTATACGCTCCCTCCAGGTGATGCACCACCCTGCTCACAAGAGCCTCAAAGCC
 GCCTACTCATTCTACAACATCCACAGAGACGCCCTGCTGGACCTCATGAGCGACGCGCTCATCCTGG
 CTAATCGAAAGGATTTGATGTATTCAATGCACTGGATTTGATGGAAAAAAGACATTCTTGAAAAACT
 CAAGTTTGGTATAGGAGATGGCAATTTGCAGTATTACCTGTACAATTGGAGGTGTCCAGGTACAGATTCT
 GAAAAGGTTGGACTAGTACTACAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202876 protein sequence
 Red=Cloning site Green=Tags(s)

MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAKGSPGGYLGAKKKKKKQKRKKEKPNSGGTKSDSAS
 DSQEIQIQPSKNPSVPMQKLQDIQRAMELLSACQGPARNIDEAAKHRYQFWDTPVPKLDEVITSHGAI
 EPDKDNVRQEPYSLPQGFMMWDTLDLSDAEVLKELYTLLENYVEDDDNMFRFDYSPEFLLWALRPPGWLL
 QWHCGVRVSSNKKLVGFISAIPANIRIYDSVKKMVEINFLCVHKKLRSKRVAPVLIREITRRVNLLEGIFQ
 AVYTAGVVLPKPIATCRYWHRSLNPKLVEVKFSLSRNMTLQRTMKLYRLPDVTKTSGLRPMPEPKDIKS
 VRELINTYLLKQFHLAPVMDEEEVAHWFLPREHIDTFVVESPNGKLTDFLSFYTLTPSTVMHHPAHKSLKA
 AYSFYNIHTETPLLDLMSDALILAKSKGFDVFNALDLMENKTFLEKLFKIGDGNLQYYLYNWRCPGTD
 EKVGVLVLQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_004808
ORF Size: 1494 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_004808.2</u>
RefSeq Size:	5004 bp
RefSeq ORF:	1497 bp
Locus ID:	9397
UniProt ID:	<u>O60551</u>
Cytogenetics:	10p13
MW:	57 kDa