

Product datasheet for **MC205715**

Nmt1 (NM_008707) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmt1 (NM_008707) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nmt1
Synonyms:	AW536594
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021635
 CCACGCGTCCGCTCGCAACCCAAGATGGCGGATGAGAGTGAGACAGCAGTGAAGCTGCCGGCACCTTCGT
 TGCCACTGATGATGGAAGGGAATGGAAACGGCCATGAGCACTGCAGCGATTGCGAGAACGAGGAGGACAA
 CAGCCACAACAGGAGTGGCTTGAGTCCAGCCAATGACACCGGAGCCAAAAAGAAGAAAAAGAAACAAAAG
 AAGAAGAAAGAGAAAGGCAGTGCATGGAATCCACCCAGGACCAGCCCGTGAAGATGACCTCTTTGCCAG
 CAGAGAGGATCCAGGAAATACAGAAGGCCATTGAGCTGTTCTCAGTGGGTGAGGACCCGCCAAAACCAT
 GGAGGAAGCCAGTAAACGGAGCTACCAGTTCTGGGATACACAGCCAGTGCCCAAATTAGGTGAAGTGGTA
 AACACCCATGGTCCAGTCGAACCTGACAAAGACAACATTCGCCAGGAGCCCTACACCCTGCCAGGGCT
 TCACCTGGGATGCCTTGATCTGGGAGACCGTGGTGTGCTGAAAGAGCTGTACACCTCCTGAACGAGAA
 CTACGTGGAAGATGATGACAATATGTTCCGATTCGACTATTCCCCAGAGTTTCTCTTGTGGGCTCTCCGG
 CCACCAGTTGGTCCCACAGTGGCACTGTGGGTCCGAGTGGTCTCAAGTCGGAACCTGGTGGGTTCA
 TCAGTGCCATCCCAGCAAACATCCACATCTATGACACAGAGAAGAAGATGGTGGAGATCAACTTCCTGTG
 CGTCCACAAGAAGCTGCGCTCTAAGAGGGTGGTCCAGTTTTGATCCGAGAGATCACCCGGCGGGTCCAC
 CTGGAGGGCATTTCAGCTGTTTACACTGCCGGAGTGGTGTGCCAAAGCCTGTGGGCACCTGCAGGT
 ACTGGCATCGATCCCTAAACCCTCGGAAGCTGATTGAAGTGAAGTCTCCCACCTGAGCAGAAATATGAC
 CATGCAGCGCACCATGAAGCTCTACCGACTGCCAGAGACTCCCAAGACAGCTGGCCTACGACCAATGGAG
 AAGAAGGACATCCAGTAGTGCACCAACTGCTCAGCAGGTACCTGAAGCAGTTTACCTCACGCCTGTCA
 TGAACCAGGAGGAGTGGAGCACTGGTTCTACCCAGGAGAACATCATTGACACTTTTGTGGTAGAGAA
 TGCCAACGGCGAGGTGACTGATTTCTGAGCTTTTATACACTTCCTCCACCATCATGAACCATCCAACC
 CACAAGAGTCTGAAAGCTGCGTACTCCTTCTACAACGTCCACACCAGACCCCTCTTCTAGACCTTATGA
 GCGACGCCCTCGTTCTAGCCAAAATGAAAGGGTTCGACGTATTCAATGCACTGGATCTCATGGAGAACAA
 GACATTCCTGGAGAAGCTCAAGTTCGGCATAGGGGACGGCAACCTGCAGTATTACCTGTACAATTGGAAG
 TGCCCGAGCATGGGGCCGAGAAGTTGGGTTGGTGTACAGTAACCAAGTTCAGTGGAGATTCTGGATA
 AAGCCACTGAGAATTCAAACCAGGAAACGGAACCTTCCACTTGTGGTCCAACCTTACAGATGTGAGA
 TCTCTGGCAAACAAAACGAACCTGAACCGCTTTACCAAACCGCCAGCGAACTTGACAATTATATTGCGA
 TGGCGTAGGCTGCGTGATGTCACCTTTAGCCATGTTTCTGGTCTCCCTATTTTCAATGAATTAACATGCT
 CATGCAGCCGTGATCAAGGGAATGTAACCTGCTGAAACCTAGCTCGTGATTGGCATATTATGGAGTTAACG
 GGTGAATAATAAAAGTATATATATTATATAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008707

Insert Size: 1491 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC021635](#), [AAH21635](#)

RefSeq Size: 1864 bp

RefSeq ORF: 1491 bp

Locus ID: 18107

UniProt ID: [O70310](#)

Cytogenetics: 11 E1

Gene Summary: Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins. Required for normal embryogenesis.[UniProtKB/Swiss-Prot Function]