

Product datasheet for **MC217570**

Nmt2 (NM_008708) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmt2 (NM_008708) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nmt2
Synonyms:	A930001K02Rik; AI605445; AU044698; hNMT-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217570 representing NM_008708
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGAGGACAGCGAGTCTGCGGCCAGCCAGCAGACGCTAGAGCTGGACGACCAGGACACGTGCGGAA
TAGACGGAGACAATGAGGAGGAGACCGAACACGCCAAAGGAAGCCCTGGAGGGGATTTGGGAGCAAAAA
GAAAAAGAAACAAAAAGAGAAAAAGGAGAAGCCAAATTCTGGGGGTACCAAGTCCGACTCTGCATCT
GACTCCCAGGAGATTAAGATTGAGCAGTCTTCTAAACACAACGCCATCTGGCAGCAGATTCAGCAGGAG
CAGCCATGGGTGGTGATACTATGGAAGGTGAATGGATAGATTTAAGAATGTATCATAAGAATCCCACCAT
CCCTATTCAGAAGCTACAAGACATCCAGAGAGCAATGGAGCTGCTGTCTGCATGCCAAGGCCAGCCAGG
AACATTGATGAGGCCACAAAACGCAGATACCAGTTTTGGGACACACAGCCAGTCCCAAATTTGAATGAAG
TCATAACATCTCATGGTCAATTAACAGACAAAAGACAATATCCGCCAGGAACCATATTCTTTGCCGCA
AGGTTTTATGTGGGACACTTTAGACTTGAGTAATGCCAAGTGTGAAGGAGCTGTATACGTTGCTGAAT
GAGAATTATGTGGAAGACGATGACAATATGTTCCGCTTTGACTATTCACCTGAGTTTCTGCTGTGGGCTC
TGCGCCCCCAGGATGGCTTCTGCAAGTGGCACTGTGGAGTCCGAGTGTCTTCAAATAAAAAAGTTAGTAGG
TTTCATAAGTGCCATTCAGCAAACATCCGAATTTATGATAGTGTGAAGAGGATGGTAGAAATCACTTT
CTTTGTGTCCATAAGAACTGAGATCAAACCGGTAGCCCCAGTGTGATTTCGAGAAATAACCAGAAGAG
TGAACCTGGAAGGCATCTTTCAGGCTGTGTATACTGCGGGAGTAGTTCCTCCTAAGCCTGTGGCCACTTG
CAGGATTTGGCACCGATCCCTAAACCCAGGAACTGGTGAAGTGAATTTTCTCACCTGAGTAGAAAC
ATGACCTTACAGAGAACGATGAAGCTTTACAGACTTCCAGATGTTACAAAGACTTCAGGTTTTCAGCTCC
TGGAAACAAAAGACATCAAAGCAGTCCGAGAGCTAATCAACATCTACTGAAGCAGTTTCATCTAGCTCC
AGTGATGGATGACGCAGAAGTGGCCACTGGTTCCCTGCCAGGGAGCACATCATTGACACGTTTGTAGTG
GAGAACCCAGTGGGAAGCTGACTGACTTCTGAGCTTCTACACTCTCCCTCCACGTTTATGCACCACC
CAGCTCACAAAAGCCTCAAGGCTGCCTATTCTTCTACAACATTCACACAGAGACACCCCTGCTGGACCT
CATGAATGATGCGCTCATTATAGCCAAATTTGAAAGGATTTGATGTGTTCAATGCACTAGATTTGATGGAA
AATAAGACCTTCTGGAAAACTAAAGTTTGGTATAGGAGATGGCAACTTACAGTATTATTTGTACAAC
GGAGGTGCCAGGACAGACTCTGAAAAGTTGGACTTGTCTACAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_008708

Insert Size: 1590 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: [NM_008708.2](#), [NP_032734.1](#)

RefSeq Size: 4461 bp

RefSeq ORF: 1590 bp

Locus ID: 18108

UniProt ID: [O70311](#)

Cytogenetics: 2 A1

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

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.