

Product datasheet for **MC217724**

Nmt2 (BC037647) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmt2 (BC037647) 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: >BC037647
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGGAGACCGAACACGCCAAAGGAAGCCCTGGAGGGGATTGGGAGCAAAAAAGAAAAAGAGAA
 AAAAAAGAGAAAAAGGAGAAGCCAAATCTGGGGGTACCAAGTCCGACTCTGCATCTGACTCCCAGGAG
 ATTAAGATTTCAGCAGTCTTCTAAACACAACGCCATCTGGCAGCAGATTTTCAGCAGGAGCAGCCATGGAAT
 CCCACCATCCCTATTCAGAAGCTACAAGACATCCAGAGCAATGGAGCTGCTGTCTGCATGCCAAGGCC
 CAGCCAGGAACATTGATGAGGCCACAAAACGCAGATACCAGTTTTGGGACACACAGCCAGTCCCAAATT
 GAATGAAGTCATAACATCTCATGGTGAATTGAACCAGACAAAGACAATATCCGCCAGGAACCATATTCT
 TTGCCGAAGTTTTATGTGGGACACTTAGACTTGAGTAATGCCGAAGTCTGAAGGAGCTGTACGT
 TGCTGAATGAGAATTATGTGAAGACGATGACAATATGTTCCGCTTTGACTATTCACCTGAGTTTCTGCT
 GTGGGCTCTGCGCCCCCAGGATGGCTTCTGCAGTGGCACTGTGGAGTCCGAGTGTCTTCAAATAAAAAG
 TTAGTAGTTTTATAAGTGCCATTCCAGCAAACATCCGAATTTATGATAGTGTGAAGAGGATGGTAGAAA
 TCAACTTTCTTTGTGCCATAAGAACTGAGATCAAAACGGGTAGCCCCAGTGTTGATTTCGAAAAAATAC
 CAGAAGAGTGAACCTGGAAGGCATCTTTCAGGCTGTGTATACTGCGGGAGTAGTCTTCTAAGCCTGTG
 GCCACTTGCAGGTATTGGCACCAGTCCCTAAACCCAGGAAACTGGTGGAAAGTGAATTTTCTCACCTGA
 GTAGAAACATGACCTTACAGAGAACGATGAAGCTTACAGACTCCAGATGTTACAAAGACTTCAGGTTT
 GAGACCAATGGAACAAAAGACATCAAAGCAGTCCGAGAGCTAATCAACATCTACTTGAAGCAGTTTCAT
 CTAGTCCAGTGTGGATGACGCAGAAGTGGCCCACTGGTTCCTGCCAGGGAGCACATCATTGACACGT
 TTGTAGTGGAGAACCCAGTGGGAAGCTGACTGACTTCTGAGCTTCTACACTCTCCCCTCCACGGTTAT
 GCACCACCCAGCTCACAAAAGCCTCAAGGCTGCCTATTCTTCTACAACATTCACACAGAGACACCCCTG
 CTGGACCTCATGAATGATGCGCTCATTATAGCCAAATTGAAAGGATTTGATGTGTTCAATGCACTAGATT
 TGATGGAAAAAAGACCTTCTTGGAAAACTAAAGTTTGGTATAGGAGATGGCAACTTACAGTATTATT
 GTACAACGGAGGTGCCAGGGACAGACTCTGAAAAGGTTGGACTTGTCTACAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC037647

Insert Size: 1458 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: [BC037647](#), [AAH37647](#)
RefSeq Size: 1709 bp
RefSeq ORF: 1457 bp
Locus ID: 18108
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]