

## Product datasheet for **RN209971**

### **Nmt2 (NM\_207590) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nmt2 (NM_207590) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nmt2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209971 representing NM\_207590  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAGGACAGCGAGTCTGCGGCCAGCCAGCTGAGCCTAGAGCTGGACGACCAGGACACGTGCGGAA  
 TAGACGGAGACAATGAGGAGGAGACGGAACACGCCAAAGGAAGCCCTGGAAGGGATTTGGGAGCAAAAA  
 GAAAAAGAAGAAACAGAAGAGAAAAAGGAGAAGCCAAACTCTGGGGGTACCAAGTCCGACTCCGCATCT  
 GACTCCCAGGAGATTAAGATTCAAGCAATCTTCTAAACACAACGCCATCTGGCAGCAGATTCAGCAGGAG  
 CAGCCATGGGTGGTACTACTATGGAAGTGAATGGATAGATTTAAGAATGTATCATAAGAATCCCACCAT  
 CCCTATTCAGAAGCTACAGGACATCCAGAGAGCAATGGAGCTGCTCTCTGCATGCCAAGGCCAGCCAGG  
 AACATTGATGAGGCCACAAAACGCAGATACCAGTTCTGGGACACACAGCCAGTCCCAAATGAATGAAG  
 TCATAACATCTCATGGTCAATTGAACCAGACAAAGACAATATCCGCCAGGAACCGTACTCTTTGCCACA  
 AGGTTTTCATGTGGACACATTAGACTTGAGTAATGCTGAAGTGTCAAGGAGTTGTACACGTTGCTGAAC  
 GAGAATTATGTGGAAGACGATGACAATATGTTCCGCTTTGACTACTCACCTGAGTTTCTCTGTGGGCTC  
 TGGCTCCCCCAGGATGGCTTCTGCAAGTGGCACTGTGGGGTCCGAGTGTCTTCCAATAAAAAGTTAGAAGG  
 CTTCATAAGTGCCATCCCGCAAACATCCGAATTTATGACAGTGTGAAGAGGATGGTGGAAATCACTTT  
 CTTTGTGTGCATAAGAACTGAGATCCAAACGGGTAGCCCTGTGTTAATCCGGGAAATAACTAGAAGAG  
 TGAACCTGGAAGGCATCTTTAGGCCGTGATACTGCAGGAGTGGTCTCCCTAAGCCTGTGGCCACATG  
 CAGGATTTGGCACCGATCCCTAAACCCAGGAACTGGTGAAGTGAATTTTCTCATCTGAGTAGAAAC  
 ATGACCTTACAGAGAACGATGAAGCTTTACAGACTTCCAGATGTTACAAAGACTTCAGGCTGAGACCGA  
 TGGAAACAAAAGATATCAGAGCAGTCCGAGAGCTAATCAACGCTACTTGAAGCAGTTTTCATCTAGCTCC  
 AGTGATGGGAGACGAAGAAGTGGCCACTGGTTCCTCCCGAGGGAGCACATCATTGACACCTTTGTGGTG  
 GAGAGCCCCAGTGGGAAGCTGACCGACTTCTGAGCTTCTACACACTCCCTCCACGTTATGCACCACC  
 CCGCTCACAAGAGCCTCAAGGCTGCCTATTCTTCTACAACATTCACACAGAGACGCCCTGCTGGACCT  
 CATGAACGACGCGCTCATTATAGCCAAATGAAAGGATTTGATGTGTTCAATGCACTAGATTTGATGGAA  
 AATAAGACCTTCTGGAAAAGCTCAAGTTTGGTATAGGAGACGGCAACTTACAGTATTATTTGTACAAC  
 GGAGGTGCCAGGACAGACTCTGAAAAGTTGGACTTGTCTACAG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_207590
- 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\\_207590.1](#), [NP\\_997473.1](#)

**RefSeq Size:** 1590 bp

**RefSeq ORF:** 1590 bp

**Locus ID:** 291318

**Cytogenetics:** 17q12.3