

Product datasheet for **RN201968**

Gnmt (NM_017084) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gnmt (NM_017084) Rat Untagged Clone
Tag: Tag Free
Symbol: Gnmt
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201968 representing NM_017084
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGACAGCGTGTACCGTACCCGCTCCCTGGGGTGGCGGCCGAAGGGATCCCCGACCAGTATGCGG
ATGGGGAGGCCCGCACGTGTGGCAGCTGTACATCGGGGACACCCGACCCGACTGCAGAGTACAAGGC
GTGGTTGCTTGGGCTGCTGCGCCAGCAGGGTCCACCGGTGCTGGACGTGGCCTGTGGCACAGGAGTG
GACTCGATTATGCTGGTGGGAAGAGGGCTTTAGCGTCACGAGTGTGGATGCCAGCGACAAGATGCTGAAAT
ACGCACTGAAGGAGCGCTGGAACCGGAGGAAGGAGCCAGCCTTTGACAAGTGGGTCAATTGAAGAAGCCAA
CTGGTTGACTCTGGACAAAGATGTGCCAGCAGGAGATGGCTTTGACGCTGTCTATCTGCCTTGGGAACAGT
TTTGCTCACCTGCCGGACAGCAAAGGTGACCAGAGTGAGCACCGGCTGGCGCTAAAGAACATCGCAAGCA
TGGTGGCGCCCGGGGCTGCTGGTCATCGACCACCGCAACTACGACTACATCCTCAGCACGGGCTGTGC
ACCCCCAGGGAAGAACATCTACTATAAGAGTGACCTGACCAAGGACATTACGACGTCAGTGTGACAGTA
AACAAACAAGCCACATGGTAACCCTGGACTACACAGTGCAGGTGCCAGGTGCTGGCAGAGATGGCGCTC
CTGGCTTCAGTAAGTTTCGGCTCTTTACTACCCACACTGTTTGGCGTCTTTACGGAGTTGGTCCAAGA
AGCCTTTGGGGCAGGTGCCAGCACAGCGTCCTGGGTGACTTCAAGCCTTACAGGCCCGCCAGGCCTAC
GTTCCCTGCTACTTCATCCACGTGCTCAAGAAGACAGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_017084
Insert Size: 882 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_017084.1</u> , <u>NP_058780.1</u>
RefSeq Size:	988 bp
RefSeq ORF:	882 bp
Locus ID:	25134
UniProt ID:	<u>P13255</u>
Cytogenetics:	9q12
Gene Summary:	catalyzes the conversion of S-adenosyl-L-methionine and glycine to S-adenosyl-L-homocysteine and sarcosine; involved in S-adenosylmethionine and folate metabolism [RGD, Feb 2006]