

Product datasheet for **SC202165**

GNMT (NM_018960) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GNMT (NM_018960) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNMT
Synonyms:	HEL-S-182mP
ACCN:	NM_018960
Insert Size:	204 bp
Insert Sequence:	>SC202165 3'UTR clone of NM_018960 The sequence shown below is from the reference sequence of NM_018960. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCATCCACGTGCTCAAGAGGACAGACTGAGTGTGGCCTCAGCTCCCACAAGCCTCTGCCAGGCACTG CTAGGCTCTGTCTGGAAGATGGGGACCAGCAGCCCCACACCAGGGCCAGCCTCTAGAGCAGACTACAGC TGGGGTGCAGGGATGTGGTTCCACAGACGGAAGGGTAAACAATATAGTCTTTTTTCAGTTCCTGCA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_018960.6</u>



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Summary: The protein encoded by this gene is an enzyme that catalyzes the conversion of S-adenosyl-L-methionine (along with glycine) to S-adenosyl-L-homocysteine and sarcosine. This protein is found in the cytoplasm and acts as a homotetramer. Defects in this gene are a cause of GNMT deficiency (hypermethioninemia). Alternative splicing results in multiple transcript variants. Naturally occurring readthrough transcription occurs between the upstream CNPY3 (canopy FGF signaling regulator 3) gene and this gene and is represented with GeneID:107080644. [provided by RefSeq, Jan 2016]

Locus ID: 27232

MW: 7.3