

## Product datasheet for **SC202867**

### PEAMT (PEMT) (NM\_148173) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PEAMT (PEMT) (NM_148173) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PEMT
Synonyms:	PEAMT; PEMPT; PEMT2; PLMT; PNMT
ACCN:	NM_148173
Insert Size:	258 bp
Insert Sequence:	>SC202867 3'UTR clone of NM_148173 The sequence shown below is from the reference sequence of NM_148173. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAAGCCTCCGGTCCCACAAGAGGAGCTGATTGAGCTGCAACAGCTTTGCTGAAGGCTGGCCAGCCTC CTGGCCTGCCCAAGTGGCAGGCCCTGCGCAGGGCGAGAATGGTGCTGCTGCTCAGGGCTCGCCCCCG GGTGGGCTGCCCAAGTGCCTTGGAACCTGCTGCCTTGGGGACCTGGACGTGCCGACATATGGCCATT GAGCTCAAACCCACACATTCCCATTACCAATAAAGGCACCTGACCCCAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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><a href="#">NM_148173.2</a></u>



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**Summary:** Phosphatidylcholine (PC) is the most abundant mammalian phospholipid. This gene encodes an enzyme which converts phosphatidylethanolamine to phosphatidylcholine by sequential methylation in the liver. Another distinct synthetic pathway in nucleated cells converts intracellular choline to phosphatidylcholine by a three-step process. The protein isoforms encoded by this gene localize to the endoplasmic reticulum and mitochondria-associated membranes. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2012]

**Locus ID:** 10400

**MW:** 9.4