

## Product datasheet for **SC211820**

### PRMT4 (CARM1) (NM\_199141) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PRMT4 (CARM1) (NM\_199141) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CARM1  
**Synonyms:** PRMT4  
**ACCN:** NM\_199141  
**Insert Size:** 1348 bp  
**Insert Sequence:** >SC211820 3'UTR clone of NM\_199141  
 The sequence shown below is from the reference sequence of NM\_199141. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGACCAACACCATGCACTACGGGAGCTAGGGGCCCGCCCGCGGACTGACAGCACCAGGAAACCAAT
GATGTCCTGCCCGCGCCCGCGGGCGCTTTCCCTTGTACTGGAGAAGCTCGAACACCCGCTC
ACAGCTCTCTTTGCTATGGGAAGTGGGACACTTTTTTACACGATGTTGCCGCGTCCCCACCTAACCC
CCACCTCCCGGCCCTGAGCGTGTGTCGCTGCCATATTTTACACAAAATCATGTTGTGGGAGCCCTCGTC
CCCCCTCTGCCGCTCTACCCTGACCTGGGCTTGTCTGCTGGAACAGGCGCCATGGGGCTGCCA
GCCCTGCCTGCCAGGTCCTTAGCACCTGTCCCTGCTGTCTCCAGTGGGAAGGTAGCCTGGCCAGG
CGGGGCTCCCTTCGACGACCAGGCTCGGTACAACGGACGTGACATGCTGCTTTTTTAAATTTTAT
TTTTTTATGAAAAGAACCAGTGTCAATCCGCAGACCCTCTGTGAAGCCAGGCCGGCCGGCCGAGCCAG
CAGCCCTCTCCCTAGACTCAGAGGCGCCGCGGGAGGGGTGGCCCGCCGAGGCTTCAGGGCCCCCT
CCCCACCAAGGGTTACCTCACACTTGAATGTACAACCCACCCACTGTCCGGAAGGCCTCCGTCCTC
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GACACCTCAAGGATCTGTACGGAAGGCTCCTTTTCTTGTAGCTAACGTTAGGCTGAGTAGCTCC
CCTCCATCCTTGTAGACGCTCCAGTCCCTACTACTGTGACGGCATTTCATCCCTCCCTGCCCGGGAA
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ACGTGTTGCAGCACAGGCAGTTTTCTTCTCTCTGCTCCCTGTTTCTCATACCCCAACTCAGATG
CTGGAGCTCAGGCCCGCGTGTGTGACCCAGGAGGAGCGGGCTGTCCAGGCTGGCCGCGCCCTT
GGCTCTCCCTCTGTTCCAGGGAGCCATAGGAGGGAAGCAGGTGGCCCGGGGGGATATGGGGCCCC
CAGCCCTGTCCAAAGTCCCTGCTCGGCTGCCCTCGCCGCTTATATAAATCTCTGAATCACCT
TTGCATAGAAAATAAAAGTGTGTTGCTTTGTAAGAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_199141.2</a></u>
<b>Summary:</b>	This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts specifically on histones and other chromatin-associated proteins and is involved in regulation of gene expression. The enzyme may act in association with other proteins or within multi-protein complexes and may play a role in cell type-specific functions and cell lineage specification. A related pseudogene is located on chromosome 9. [provided by RefSeq, Aug 2013]
<b>Locus ID:</b>	10498
<b>MW:</b>	48.6