

Product datasheet for **SC201605**

PRMT10 (PRMT9) (NM_138364) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PRMT10 (PRMT9) (NM_138364) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PRMT9
Synonyms: PRMT10
ACCN: NM_138364
Insert Size: 777 bp
Insert Sequence: >SC201605 3'UTR clone of NM_138364
The sequence shown below is from the reference sequence of NM_138364. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCAATGTCAGCATCACAGTAAAGCAATGAGAGCAGTTTTCCAATGAAAAGTGTGTAATAGAGCATC
AACAAGTACAAAATTCTGTCTTAATTAGTGGGGTATATAAAAATTCCTTGTAATGGTCAAATATTTT
TTAAAATTGACATTAATAAAGCATATTTTTAAAAGATTCTAAATAAAAGGGTAGCATTATTATAGAAATA
CTGCTGCAGATTTGCTTTCTGAAAAGGATACATCACTAGTTTTTTAAATTAGGAAACTCTTTTGCTC
GATTTTACAGAATAGGGATTTTAAAAGTCTTATCGTTATTGACATGTGTAAGTAAAGCAAACTTTACT
TTTGTAGGCATCTGGCCTTTTTCTTAAATCCAACTTGTAATTGGGAAACACTGAAAGGCTTCCACT
GAAGACTGAGGGTTATGGTTACCTGTAAATCCAATCTTGCTTCCTTTAAATACTCAGTGTACATCTGA
AACATCTCAGGTTTTGTTTTGAGAATGCAAGCTTGAAAAAGAATTAAGCTATAAGCTAAATGTAATTA
AAACAGTAAAGGAGTTAGGGAATACATCTCAGGAGGCAGCATTTTTCTTGGTCTACTTTGGCAAAAGA
ACATTTAAAAGCTGGTAACAAAACAAGTTAAATTGAAGGAAGACTTAATCCTATACTATTTTTCAAAG
TTTTGATTTGGATGTACAATAAGTACATTAATTGATCCAATTTTTACAACTTTTGAATAAAGGAAGA
TCATTATTATGCCTCCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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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).



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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:	NM_138364.4
Summary:	This gene encodes a type II methyltransferase. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to the guanidino nitrogen atoms of arginine. The protein encoded by this gene methylates spliceosome associated protein 145 to regulate alternative splicing and acts as a modulator of small nuclear ribonucleoprotein maturation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2017]
Locus ID:	90826
MW:	30