

## Product datasheet for **SC210061**

### **MBD1 (NM\_015845) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MBD1 (NM_015845) Human 3' UTR Clone
Symbol:	MBD1
Synonyms:	CXXC3; PCM1; RFT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015845
Insert Size:	813 bp
Insert Sequence:	<p>&gt;SC210061 3'UTR clone of NM_015845</p> <p>The sequence shown below is from the reference sequence of NM_015845. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGAAGCTGGTGCCCTTCCTCACAGAGTAAATATGCATCTGGCCAGGAATTAGAGAAGCTGAAAGGAT
GATCCTGGGGAAGGTGGAGCAGCTGCAGGCCTGGCTGCAGGCCTGACTACTGCCACACCAACGAGGTG
ATCTAGCAGATACATGGCAACGTGTGAAGTGAACAACGCCTGGTGCCCGAGCACCAACCTTCCAAGTG
TAAAAACAATGTGCTGCTGCTTCACTTCCGCCCTCCGTTATCAAGCAAAATGTCTTGTGGCCCATC
TTACTGGAAGAGAGTTCCGGGAAACATAGCCTCACCAAGGTGACACATTACAAAGCCACCTACCATGA
ATCCGCTCCCAAGGGTCTCACTGCTCACCTGAGGATAACTCAATATAACTATGTGGCTGAAAATGCAAA
GCTGAAGACCATGGATTTTCATGGTGATTCCAGCAAGTACAGAGATTCTATGAAGCCACCCAGAAAAAA
CTTGCTGGTCTGGCTATTTTTGTGCATTTATTCAAGTATTGAGAACCTGGCCTGTGGTAGGCACTGT
ACTTAATACTAGGATACAGAAATGCAAAAGATACGGCCCATGCAATTTTATTAATGCATCAATATGTA
TTACAAATGGTGAATGGATTTCCAACCTTATCATGGAATTTAATGCTGAATATATAGAATTCAGAAAAT
TGTTGGGAGGACAGCCCTTTTGTGAACCTGTTTGGGGCACAGTAGGAATTGGAATAATTTAGTTTCT
ATCTCTAAGCTGTTCTATTTTAAATTTTAAATTTTATTTGTCCTCACTTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<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_015845.4</a></u>
<b>Summary:</b>	The protein encoded by this gene is a member of a family of nuclear proteins related by the presence of a methyl-CpG binding domain (MBD). These proteins are capable of binding specifically to methylated DNA, and some members can also repress transcription from methylated gene promoters. This protein contains multiple domains: MBD at the N-terminus that functions both in binding to methylated DNA and in protein interactions; several CXXC-type zinc finger domains that mediate binding to non-methylated CpG dinucleotides; transcriptional repression domain (TRD) at the C-terminus that is involved in transcription repression and in protein interactions. Numerous alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Feb 2011]
<b>Locus ID:</b>	4152
<b>MW:</b>	30