

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
Vector: pMirTarget (PS100062)
Symbol: MBD1
Synonyms: CXXC3; PCM1; RFT
ACCN: NM_015845
Insert Size: 813 bp
Insert Sequence: >SC210061 3'UTR clone of NM_015845
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.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAAGCTGGTGCCTTCCCTCACAGAGTAAATATGCATCTGGCCCAGGAATTAGAGAAGCTGAAAGGAT
GATCCTGGGGAAGGTGGAGCAGCTGCAGGCCTGGCTGCAGCCTGACTACTGCCACACCAACGAGGTG
ATCTAGCAGATACATGGCAACGTGTGAACGTGCAACAACGCCTGGTCCCCAGCACCAACCTTCCAAGTG
TAAAAACAATGTGCTGCTTCACTTCCGCCCTCCGGTTATCAAGCAAAATGTCTTGTGGCCATC
TACTGGAAGAGAGTTCCGGGAAACATAGCCTCACCAAGGTGACACATTACAAAGCCACCCTACCATGA
ATCCGCTCCCAAGGTCTCACTGCTCACCTGAGGATAACTCAATATAACTATGTGGCTGAAAATGCAAA
GCTGAAGACCATGGATTCATGGTATTCCAGCAAGTACAGAGATTCTATGAAGCCACCCAGAAAAA
CTTGTGGTCTGGCTATTTTTGTGTCATTTATTCAAGTATTGAGAACCTGGCCTGTGGTAGGCACTGT
ACTTAATACTAGGATACAGAAATGCAAAAGATACGGCCCATGCAATTTTATTAATGCATCAATATGTA
TTACAAATGGTGAATGGATTTCCAACCTTATCATGGAATTTAATGCTGAATATATAGAATTCAGAAAAT
TGTTGGGAGGACAGCCCTTTGTGAACCTGTTTGGGGCACAGTAGGAATTGAAATAATTTAGTTTCT
ATCTCTAAGCTGTCTATTTTAAATTTTAAATTTTATTGTCCCCTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	<u>NM_015845.4</u>
Summary:	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]
Locus ID:	4152
MW:	30