

Product datasheet for **SC306163**

MBD3L2 (NM_144614) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MBD3L2 (NM_144614) Human Untagged Clone
Tag:	Tag Free
Symbol:	MBD3L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306163 representing NM_144614. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGAGAACCTGCGTTACCTCTTTTCCAAGCCTGCCTGTTCTGGGGAAGCTCAAAGGAACATGATG
 CCCTGGGCTTTACAGAAGAAACGAGAAATCCACATGGCCAAGGCCATCGGAGACGAGCTGCGAGGTCT
 GCTCTCCCATGAGACTCACCAGCTGCATCTTCCGGAGGCCGGTGACAAGGATCAGGTCTCATCTGAC
 AACCAGGTCAGACGCAGAAAAGGGGACGAGCACCTGGAGAAGCCGACGCAACTCTGCGCTACCGGAGA
 CTGCAGGCCCTGCAGCCCTGCAGCAGCAAGGAGAAGTTCAAGTCCACTGCATTGGAGAGCGTCTTA
 AGTATCCTTGACCGGGGACGGCCGGTGAATCTCTGGACAGAGCTGGTGCTGAGCGTGTGCCAGCCCG
 CTTGAGCCCCACCCCTGGGCGGTTTCCAGCTGTGGCAGGGGGGCCAACCCAGGAATGGGTTGTGAGCTC
 CCACCGCCCTCTCTGGCCAATTGGTGACTCCTGCAGATATCCGGAGACAGGCCAGGAGGTGAAGAAA
 GCCAGGGAGAGACTGGCCAAGGCCTTGCAGGCAGACAGGCTGGCCAGGCGGCAGAAATGCTGACAGGT
 GGATGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_144614
Insert Size:	627 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_144614.3</u>
RefSeq Size:	774 bp
RefSeq ORF:	627 bp
Locus ID:	125997
UniProt ID:	<u>Q8NHZ7</u>
Cytogenetics:	19p13.2
MW:	23 kDa
Gene Summary:	This gene encodes a protein that is related to methyl-CpG-binding proteins but lacks the methyl-CpG binding domain. The protein has been found in germ cell tumors and some somatic tissues. [provided by RefSeq, Jul 2008]