

Product datasheet for **SC300518**

MAD2L1 binding protein (MAD2L1BP) (NM_001003690) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAD2L1 binding protein (MAD2L1BP) (NM_001003690) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAD2L1 binding protein
Synonyms:	CMT2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001003690 edited

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ATGGCCCGCGTGCCGCTGGGGCGGAGTCTCACTCTGTCACCCAGGCTGGAGCACAATGGC
ATGACCTCAGCTCACCACAACCTCCGCCCTCCAGGTTCAAGGGATTCTCCTGCCTCAGCC
TCCCAAGTAGCTGAGATTATAGATTTGGAGTGGTATGAGAAGTCCGAAGAACTCACGCC
TCCCAGATAGAATACTTGAGACAAGCTCTACGCAGGAACCTCTCAACGCTTCGGAGGCC
TTTTGCCAAGAGACTGCATGGTACCAGTGGTGTTCCTGGGCCTGTGAGCCAGGAAGGC
TGCTGTCAGTTTACTTGTGAACCTCTAAAGCATATCATGTATCAACGCCAGCAGCTCCCT
CTGCCCTATGAACAGCTTAAGCACTTTTACCGAAAACCTTCTCCCAGGCAGAGGAGATG
CTGAAGAAGAAACCTCGGGCCACCACTGAGGTGAGCAGCAGGAAATGCCAACAAGCCCTG
GCAGAAGTGGAGAGTGTCTCAGCCACCTGGAGGACTTCTTGCACGGACACTAGTACCG
CGAGTGTGATTCTCCTTGGGGCAATGCCCTAAGCCCCAAGGAGTTCTATGAACTCGAC
TTGTCTCTGCTGGCCCCCTACAGCGTGGACCAGAGCCTGAGCACAGCAGCTTGTTTGCGC
CGTCTCTTCCGAGCCATATTCATGGCTGATGCCTTTAGCGAGCTTCAGGCTCCTCCTACTC
ATGGGCACCGTCGTCATGGCACAGGGACACCGCAACTGTGGAGAAGATTGGTTTCGACCC
AAGCTCAACTATCGAGTGCCAGCCGGGGCCATAAACTGACTGTGACCCTGTCATGTGGC
AGACCTTCCATCCGAACACGGCTTGGGAAGACTACATTTGGTTCCAGGCACCAAGTGACA
TTTAAAGGCTTCCGCGAGTGA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001003690 unedited NCGTTCACATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCATGGCCCCGCTGCCG CTGGGGCGGAGTCTCACTCTGTACCCAGGCTGGAGCACAATGGCATGACCTCAGCTCAC CACAACCTCCGCCTCCAGGTTCAAGGGATTCTCTGCCTCAGCCTCCCAAGTAGCTGAG ATTATAGATTTGGAGTGGTATGAGAAGTCCGAAGAACTCACGCCTCCAGATAGAATA CTTGAGACAAGCTCTACGCAGGAACCTCTCAACGCTTCGGAGGCCTTTTGCCCAAGAGAC TGCATGGTACCAGTGGTGTTCCTGGGCCTGTGAGCCAGGAAGGCTGCTGTCAGTTTACT TGTGAACCTCTAAAGCATATCATGTATCAACGCCAGCAGCTCCCTCTGCCCTATGAACAG CTTAAGCACTTTTACCGAAAACCTTCTCCCGAGCAGAGGAGATGCTGAAGAAGAAACCT CGGGCCACCAGTGGTGTGAGCAGCAGGAAATGCCAACAAGCCCTGGCAGAACTGGAGAGT GTCCTCAGCCACCTGGAGGACTTCTTTGCACGGACACTAGTACCGCGAGTGTGATTCTC CTTGGGGCAATGCCCTAAGCCCCAAGGAGTTCTATGAACTCGACTTGTCTCTGTGGCC CCCTACAGCGTGGACCAGAGCCTGAGCACAGCAGCTTGTTCGCGCGTCTCTCCGAGCC ATATTCATGGCTGATGCCTTTAGCGAGCTTCAGGCTCCTCCACTCATGGGCACCGTCGTC ATGGCACAGGGACACCGCAACTGTGGAGAAAGATTGGNTTCGACCCAAGCTCAACTATCG AGTGCCCAGCCGNGCCATAAACTGACTGTGACCCTGTGCATGTGGCAGACCTTNCA
Restriction Sites:	Please inquire
ACCN:	NM_001003690
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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<ol style="list-style-type: none"> 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:	NM_001003690.1 , NP_001003690.1
RefSeq Size:	1550 bp
RefSeq ORF:	921 bp
Locus ID:	9587
UniProt ID:	Q15013
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome

Gene Summary:

The protein encoded by this gene was identified as a binding protein of the MAD2 mitotic arrest deficient-like 1 (MAD2/MAD2L1). MAD2 is a key component of the spindle checkpoint that delays the onset of anaphase until all the kinetochores are attached to the spindle. This protein may interact with the spindle checkpoint and coordinate cell cycle events in late mitosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).