

Product datasheet for **SC322901**

MAD2L2 (NM_001127325) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MAD2L2 (NM_001127325) Human Untagged Clone
Tag: Tag Free
Symbol: MAD2L2
Synonyms: FANCV; MAD2B; POLZ2; REV7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC322901 representing NM_001127325.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

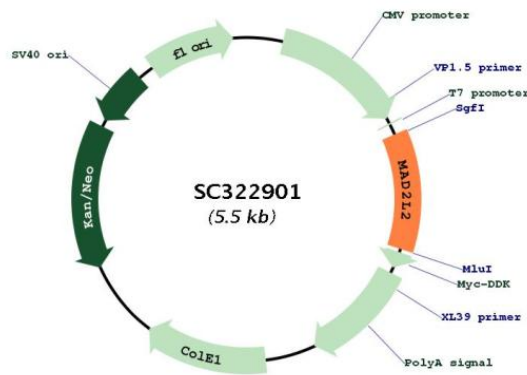
```
GCTCGTTTAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCACGCTCACAGACAAGACCTCAACTTTGGCCAAGTGGTGGCCGATGTGCTCTGCGAGTTCCTG
GAGGTGGCTGTGCATCTCATCTCTACGTGCGCGAGGTCTACCCCGTGGGCATCTCCAGAAACGCAAG
AAGTACAACGTGCCGGTCCAGATGTCTGCCACCCGGAGCTGAATCAGTATATCCAGGACACGCTGCAC
TGCGTCAAGCCACTCCTGGAGAAGAATGATGTGGAGAAAGTGGTGGTGGTATTTGGATAAAGAGCAC
CGCCAGTGGAGAAATTCGTCTTTGAGATCACCCAGCCTCCACTGCTGTCCATCAGCTCAGACTCGCTG
TTGTCTCATGTGGAGCAGCTGCTCCGGCCTTCATCCTGAAGATCAGCGTGTGCGATGCCGTCCTGGAC
CACAACCCCCAGGCTGTACCTTACAGTCCTGGTGACACGAGAGAAGCCGCCACTCGCAACATGGAG
AAGATCCAGGTCATCAAGGATTTCCCCTGGATCCTGGCGGATGAGCAGGATGTCCACATGCATGACCCC
CGGCTGATACCACTAAAACCATGACGTCGGACATTTTAAAGATGCAGCTTTACGTGGAAGAGCGCGCT
CATAAAGGCAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001127325

Insert Size: 636 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).

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: [NM_001127325.1](#)

RefSeq Size:	1196 bp
RefSeq ORF:	636 bp
Locus ID:	10459
UniProt ID:	Q9UI95
Cytogenetics:	1p36.22
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation
MW:	24.3 kDa
Gene Summary:	<p>The protein encoded by this gene is a component of the mitotic spindle assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. The encoded protein, which is similar to MAD2L1, is capable of interacting with ADAM9, ADAM15, REV1, and REV3 proteins. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) has the 5'-most first exon. Variants 1 and 2 both encode the same protein.</p>