

Product datasheet for **MR210250**

Mad111 (NM_010752) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mad111 (NM_010752) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mad111
Synonyms:	A1173502; AW550425; Mad1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR210250 representing NM_010752
 Red=Cloning site Blue=ORF Green=Tags(s)

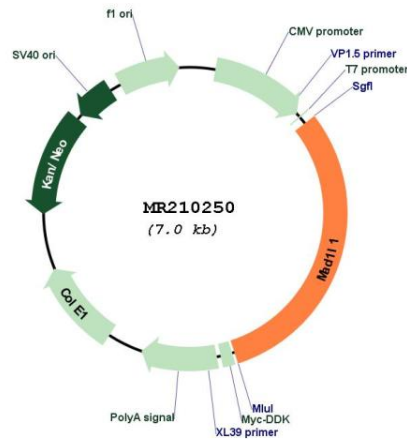
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGACCTCGGGGAGAACACCACAGTCCTCTCCTCCCTGAGATCTCTGAACAACTTCATTTCTCAGC
 GAATGGAGGGAACATCAGGCCTGGATGTGTCCAGTCTGCCTCAGGGTCCCTACAGAAGCAGTATGAGTA
 TCACATGCAGCTGGAGGAAAGAGCAGAGCAGATCCGCTCAAAGTCTACCTCATCCAAGTGGAGCGGGAG
 AAGATGCAGATGGAGCTGAGCCACAAGAGAGCCGAGTGGAGCTGGAGAGAGCAGCCAGCACCAATGCCA
 GGAACACGAGCGCAGGTAGATCGCAACCAGGAGCTCCTGGCACGCATTGACAGCTCCAGGAGTGTGA
 GGCCACAGCAGAAGAGAAGATGCGGGAGCAGCTGGAGCGCCACAGGCTGTGCAAGCAAACCTGGATGCT
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 AGTTGGAAAAGGAGAAGTACTTGCAAAGCTGCAGAGCTGGGAGAACCTGGACCAGACCATGGGCTTGAA
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 AAGAATAACAGCATCACCAGCAGTGCCCGGGTCTGGAGAAGTCCAGCAGCAGCTCCAGGATGAGGTCC
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 GAGCTGACCCAAACTGAGTACTCAACCCAGCTGACACAGCGCCTGTGGGAGGCCGAGGACATGGTTCAGA
 AGGTACATGCCACAGCTCGGAGATGGAGGCTCAGCTGTCTCAGGCCCTGGAGGAGCTTGGGGTTCAGAA
 GCAGAGAGCTGACACGCTGGAGATGGAGTTGAAGATGCTGAAGGCCAGACAAGCTCAGCTGAATCTAGC
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 GAGTCGAACCAAAGTGTACACATGAGCCTTAACCCAATCAGCATGGCCAGGCAACGCCAGCATGAGGAC
 CATGACCGGCTGCAGGAGGAATGTGAGCGCTTACGGGACTTGTGCATGCCCTGGAGAGAGGGGGCCCA
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 GTTTGCTACACGCTGACCGGCTACCAGATTGACGTGACCACGGAGAGCCAATACCGCCTCACCTCCCGAT
 ACGCTGAGCACCAGAGCGGACTGCCTCATCTTAAGGCCACAGGACCTCGGGCTCCAAGATGCAGCTGCT
 GGAGACAGAGTTCTACGGTCTGTGCCTGAGCTCATTGAACTGCACTTGTGCAGCAGGACAGCATCCCT
 GCCTTCTCAGTGCCTCACCATAGAGCTGTTACGCCGCCAGACCTCTATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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:	<u>NM_010752.3, NP_034882.2</u>
RefSeq Size:	2640 bp
RefSeq ORF:	2154 bp
Locus ID:	17120
UniProt ID:	<u>Q9WTX8</u>
Cytogenetics:	5 78.82 cM
MW:	83.5 kDa
Gene Summary:	Component of the spindle-assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. May recruit MAD2L1 to unattached kinetochores. Has a role in the correct positioning of the septum. Required for anchoring MAD2L1 to the nuclear periphery. Binds to the TERT promoter and represses telomerase expression, possibly by interfering with MYC binding.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210250