

## Product datasheet for **MR218000**

### **Mdm1 (NM\_148922) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mdm1 (NM_148922) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mdm1
Synonyms:	Arrd2; Mdm-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR218000 representing NM\_148922  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCGGTGCCTTCAAGGGCTGAGTGAATACCAGAGAACTCCTGTGAAAAAGTCCTATTTGTCAG  
 AGTCTTATAATCCCTCAGTGGGACAAAAGTACTCATGGGCAGGACTTAGATCGGATCAGTTGGGGATCAC  
 GAAAGAACCAGGTTTTATTTCAAAAAGAAGAGTCCCTACCATGACCCTCAGATTTCAAAAATACCTGGAG  
 TGGAACGGAACCGTCAGAAAAGAAGGATACGCTTGTCCCACCAGAACCCAGGCCTTTGGAACGCCAAAGC  
 CACAAGAGGCTGAGCAAGGAGAAGATGCCAATCAAGAAGCAGTTCTCTACTAGAGGCCTCCAGGTTCC  
 CAAGAGAACTCGGTCTATTCTGCGGACTCGAGAGCTGAAGGGTTTCAGACACTGTGAAAAAGCACCGAG  
 GGTGTACGAGAAGCCATGCGCCAGTTAGCGCGGATGTGGAGCTGAGACCTCCAGCAAACAACCTCTCT  
 CCCAGAGCATAGATCCCAGTTGGATAGGCATCTTCGTAAGAAAGCTGGATTGGCCGTTGTTCCCACGAA  
 TAATGCCTTGAGAAATCTGAATACCAAAGGCAGTTTGTGGAAAGACTTCTAAAGAAAGCGCTCCAGTG  
 TTTGCATCCAATCAGTTTTCCGTAATAAAAGCCAAATTATTCCACAGTTCCAAGGCAATACATTACCC  
 ACGAGACTGAATACAAGCGAAATTTCAAGGGTTAACTCCAGTGAAGGAACCAAAGTCAAGAGAGTATTT  
 GAAAGGAAACAGCAGTCTGGAGATGCTGACTCCAGTAAAGAAGGCAGATGAGCCTTTAGACTTAGAAGTA  
 GACATGGCGTCGGAAGACTCAGACCAGTCTGTAAGAAGCCTGCTTCATGGAGACACCAAAGGCTTGAA  
 AAGTGAATTTGAAATATAGAGCAAAGTTCTGAGCCCAGCCAGTATTTCTATAAAGCTGGAGCTTGAC  
 CCGGGTGAAGGAGAACCTGTCAAACCAGTTAAGGAGCTCCGAGAAAAGGCCGAATCTTACAGGAAGCGA  
 GTTCAGGGGACACATTTTCTCGGGACCATCTGAACCAGATTATGTCGGACAGCAACTGCTGTTGGGACG  
 TCTCCTCAGTACAAGCTCGGAAGGCACCGTCACTAGCAACATCCGAGCACTGGATCTTGCTGGAGACCT  
 TACAAACCACAGGACCCCCAGAAAACACCTCCTACCAAAGTGAAGAAAAGAAAAGTTGCCTCGGGAGAG  
 CAGCCCTGAAAAACTCCACCAGGAGACTGGAGATGCCAGAGCCTGCCGCTCGGTCCAGGAGGAAGCTGG  
 CTTGGGATGCTGAGGAGAGCACGAAGGAAGACACCAGGAGGAGCCAGGGCGGAGGAGACGGGAGAGA  
 GGAGAGAGGACAGGACAAGCAGACCTGTGCGGTAGAGCTGGAGAAAACCGGACACACAGACACCCAAGGCA  
 GACAGACTGACAGAAGGGTCGGAGACATCTTCTGTTTCTCAGGGAAGGGAGGCAGGCTTCTACACCGA  
 GGCTGAGAGAACTCGGTATCCAGCGGACGCACCATGATCTCACGACGCCAGCTGTTGGTGGCGCAGTCTT  
 AGTGTCTCCATCTAAAGTGAAGCCACCAGGCTCGAGCAGAGGAGGAGAGCGTCTCCCAAGATGGCTTA  
 GAAACTCTGAAGAAAGACATTAAGAAAGGAAAACCCCGTCCCATGTCTCTGTTGACTTCTCCGGCTG  
 CTGGCATGAAGACAGTTGATCCCCTGCCTCTGCGAGAAGACTGTGAAGCCAATGTGCTCAGATTTGCTGA  
 TACTCTTCTGTTTCGAAAATTTTGACCCGTCAGCCAGCACCCCTGGGAGCTGCCTCCATGTGCCCCG  
 CCTACTGTATCCGTCACGAGGATCCAGGGCGCTGCGAGACCTGAGTTTTCAGCACAACATGGGAA  
 AACCCAGGACGAACAATTTGCAGCTACATCCACACGATGCCTTTAATGATGAAGATGCAGATAGACTGTC  
 TGAGATCTCTGCTCGCTCTGCAGTTTCCAGCCTCCGGGCTTTCCAGACTCTAGCCCGAGCTCAGAAAAGA  
 AAGGAGAAATTTCTGGGCAAGCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_148922.3](#), [NP\\_683724.2](#)

**RefSeq Size:** 3131 bp

**RefSeq ORF:** 2127 bp

**Locus ID:** 17245

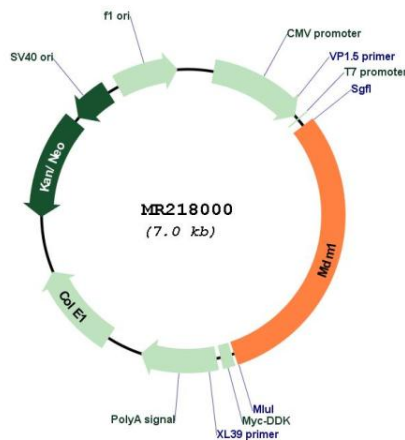
**UniProt ID:** [Q9D067](#)

**Cytogenetics:** 10 66.65 cM

**MW:** 80.1 kDa

**Gene Summary:** Microtubule-binding protein that negatively regulates centriole duplication. Binds to and stabilizes microtubules.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR218000