

## Product datasheet for **RN210418**

### **Mbd1 (NM\_001011924) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mbd1 (NM_001011924) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mbd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210418 representing NM\_001011924  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGAGGCCTGGCAGGACTGCCAGCCTGGGCCCTGGCTGGAACGCCGAGAGGCCTTTCGAAAGT  
 CAGGGGCCTCGTGTGGACGCTCAGACATCTATTATCGGAGCCCCACAGGAGAAAAGATCCGAAGCAAAT  
 TGAGCTGACTCGATACCTGGGCCCTGCATGCGATCTTACCCTGTTTGACTTCAGACAAGGCATCTTATGC  
 CACCCAGTCCCAAGACCCATCCCTTGGCTGTCCCCAGCAAGAAGAAAAGAAGACTTCTAAACCAGCCA  
 AGGCTAAGAAACAGCAGGTTGGGCCACAGAGAAGTGGAGTCCAGGAAAGAGACTCCACGGGAAGAAATAA  
 GGTGCTCCTGCCACAGCTTTATTACCTGTGACTGCGTCTGCGCCTGCACCTGTGCCTGTGCTGTGCT  
 GCACCTGCGCCTGCACCTGCACCTTTGTGCTGTGAGAATTGTGGAATCCACCTGCATGGGATGGTATCA  
 AAAGGGAGAGACGCAGGACATTGTGCAAGACTGCCGAGCACAGAGAATTGCCTTCAACCGAGAACAGCG  
 AATGTTTAAAGCGAGTTGGCTGTGGGGAGTGCACAGCTTGCTGGTGAAGAAGACTGCGGGGTGTGCTCC  
 ATCTGCTGCCTGCAGCTGCCAACGATGTGGCCTCAGGGCTCTTCTGCAAGTGTGAGCAGAGACGCTGCC  
 TGGCGATTGTGGAGAAGGTAATATGATCATAGTAAGAGAGGCCCGAGGGTAGCTTCTCGACGTCACCTC  
 CCGAGCCCCGCCACTTCTCCACACGCTGCGTCACAGCATCCAGAGCCCACAGAAGTGCACATCAGCGAC  
 CAAACGCCACAGCACCTGCTGAGTTTCTGCTATGACTGTGTAGAGGAGGACGAGCTAAAGCGGCTGCTGC  
 CCAGTATTGGGCCAGGGTCTGAGGAGGAAGCAAGATTGCTTCCACATCATACCCACAAAAGAGGTTCTGC  
 TTCTACTCGACAGCTGCAACTGAGCTCTCCCTTAAAGGCTCCTTTGGCTGTGGTCAACCCACCGGGC  
 CCTGTCCAAGATTCAGGGAAGCGCAAGCAGGTAGTGGCTTTGTACTGCCCAACCTGCACAGACCTTG  
 TGTATTTACAAGAGGGTACCAGCAGTCTCATGCAGGTGCCTGGCCCTGCTGCAGCTTCCACAGAAAACCC  
 AGCACAGGAGACCCAGGGCTCTGCCCCAGGTTGGGTTGTGGCCTTGCCCCAGGTGAAGCAAGAGAAGGCG  
 GATGCCCCAGAGGAGTGGACAGCAGTCAACAACCTTCTGACTTCTTCCACGGTGCAGCCTGGCTTCTTA  
 GCAAGGGCTCAGGCCTGGACCCTCCACCTGTGAAACGAGAGCCCCCTGGCCCTGAGGAGGATGGAGAAGA  
 GAACAAAGAAGATGATGTCTCTGAATCAGCTCCAGCAGAAGAGATAGGAGGGATTGGCACCCAGTGATC  
 ACGGAGATTTTCAGCCTGGGTGGAACCCGCTCCGGGATGCAGAAGCCTGGTTGCCAAGGCTACATAAAC  
 TGTTAGCAGTAAATGAAAATGAGTATTTTACTGAGCTGCAGTTGAAGAAGAAAATATTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001011924
- Insert Size:** 1602 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).
- 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\\_001011924.1](#), [NP\\_001011924.1](#)

**RefSeq Size:** 2491 bp

**RefSeq ORF:** 1602 bp

**Locus ID:** 291439

**Cytogenetics:** 18q12.2