

Product datasheet for **RN211397**

Mbd2 (NM_001115025) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mbd2 (NM_001115025) Rat Untagged Clone
Tag: Tag Free
Symbol: Mbd2
Synonyms: MGC188552
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211397 representing NM_001115025
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGCGCGCACCCGGGGGAGGCCGCTGCTGCCCGGAGCAGGAGAGGGGGAGAGCGCGCGGGCGGCA
GCGGCGCTGGCGGCGACTCCGCCATAGAGCAGGGGGCCAGGGCAGCGCGCTCGTCCCGTCCCGGTGAG
CGGCGTGCAGGAAGGCGCTCGGGCGCGGCGTGGCCGGGGCGGTGGAAGCAGGCGGCCCGGGGC
GGCGGCGTCTGTGGCGTGGCCGTGGCCGTGGCCGGGGTGGGGCGTGGCCGGGGCCGGGGCCGGGGCC
GCGGCCGTCCCCAGAGTGGCGTCAGCGGCCCTGGCGGCGACGGCGGCGGGCGGCGTGGCGCTCGGCAG
CAGTGGCGGCGTCCCGCCCGGGGGATCCTGTCCCTTCCCGTCCGGGAGCTCGGGACCGGGGCCAGG
GGACCCCGGGCCACGGAGAGCGGAAGAGGATGGACTGCCCGGCCCTCCCCCGGATGGAAGAAGGAGG
AAGTGATCCGAAAATCAGGGCTCAGTGTGGCAAGAGCGATGTCTACTTTCAGTCCAAGTGGTAAGAA
GTTTCAGAAGTAACACAGCTGGCGAGATACCTGGGAAATGCTGTTGACCTTAGCAGTTTTGACTTCAGA
ACCGGCAAGATGATGCCTAGTAAATTACAGAAGAACAACAGAGGCTGCGGAACGATCCCCTCAATCAGA
ACAAGGGTAAACACAGACTGAACACAACATTGCCAATTAGACAGACTGCATCCATTTTCAAGCAACCACT
CACCAAAGTCACAAACCACCGAACAATAAAGTGAAGTCAGACCCCTCAGCGGATGAATGAACAACCACT
CAGCTTTTCTGGGAGAAGAGGCTACAAGGACTTAGCGCATCAGATGTAACAGAACAATATAAAAACCA
TGGAGCTACCTAAAGGTCTCAAGGAGTCGGCCAGGTAGTAATGATGAGACCCTTCTGTCTGCCGTGGC
CAGTGTCTTGCATACAAGCTCTGCACCCATCACCGACAGGTCTCTGCGCCGTGGAAAAGAACCCTGCT
GTTTGGCTTAACACATCTCAACCCTCTGCAAAGCTTTCATTGTTACAGATGATGACATTAGGAAACAGG
AAGAGCGAGTCCAACAAGTCCGAAAGAACTAGAGGAAGCACTCATGGCGGACATCCTGTCCCGGGCGT
GGACACGGAGGAAGTAGACATTGACATGGACAGTGGAGATGAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001115025 |
| Insert Size: | 1239 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: | <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_001115025.1</u> , <u>NP_001108497.1</u> |
| RefSeq Size: | 1665 bp |
| RefSeq ORF: | 1239 bp |
| Locus ID: | 680172 |
| Cytogenetics: | 18q12.1 |