

Product datasheet for **RN217409**

Mbd6 (NM_001170566) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mbd6 (NM_001170566) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mbd6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217409 representing NM_001170566 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGGAGGGAATGAGAGCAGTGCAGCAGACAGAGCCGGGGCCCTGCGGCCACGGCTGTCCCCATCG
GGTGGCAGCGCTGTGTACGAGAAGGTGCTGTGTACTATATCAGCCCAAGTGGCACAGAGCTGTCTTCCTT
GGAGCAAACCCGTAGCTACCTCCTCAGCGATGGGACCTGCAAGTGCAGTGTGGAGTGTCCACTCAATGTA
CCCAAGGTTTTCAACTTTGACCCCTCTGGCCCCGGTGACCCCGGTGGGGCTGGGGTGGGGCTGCATCGG
AGGAGGACATGACCAAGCTGTGCAACCACAGGCGGAAAGCTGTTGCCATGGCAACTCTGTACCGCAGCAT
GGAGACCACCTGCTCACATTCTTCTCCTGGAGAGGGAGCAAGCCCCAAATGTTCCACACTGTGTCCCCA
GGGCTGCTCTGTCCGCCCTTCTGTGAGTTCTCCTACAACCTCACTTAATGGGGTCTGGTCCA
TTCCCCAAGAACCACCTTCAGTTCCCCAGGCCTTCCCTCCTTAACAGGCCCTGCAGGGCTCTTCCACC
CCGGCTTCTGATCCAGTTCCTTCTGCAGGCAGCAGCAGCCCTTGTTCCTTCCAAGAGGCAATGCTCCC
TCTCCAGCCCCACCTCCTCCATCTGCGATCAGCCTCAATGCCCTTCTACAACCTGGGGAGCTTCCCTCC
GATCCAACCTGGTGCCCTCTGACCTGGGCTCTCCTCCAGCCCTCATGCCTCCTTTCACCACCTTCAGA
CTCTCCTCTTCCACTGTAGTGATGCCTTAACACCTCCTCCCGTGCCCCAAGCAATAATCTCCCTGGT
CCCCCTGGTCCCCCTGGTTCACCACTCAGCCACCAAGTGTCTTACGCCACTATGCACCTGCCCTTGGTCC
TGGGATCCTTGGGAGGGGGCCCCACAGTGGAGGGGCTGGGGCACCCCCATTCTTGCTAGCAGCCTGCT
CTCTGCAGCAGCAAGGCCCAGCAACCCAGCTGCCCCCTCCCAGCACTTACAGGGCCGAAGGCCCGT
GCCCAGGCCCCCTCAGCTTCCCATGCATCACCCCGTCCCTCTCAGCGGCGTCTCGCCGGCCCCCAACTG
TCTTGAGGTTGTAGAGGGGGAGGCCCTCAAAGCCCTAGACGGAGCCGTCTCGGGCCCTGCTCCTGT
CCCTCAGCCCTTTCCTCTCCAGAGCCGTCCAGCCTATTCTCCCTCTGTGCTGTCCCTACTGGGACTC
CCCACCCCTGGCCCTTCCCACTCGGATGGAAGCTTTAACCTTTTGGGGTCAAGTGCACACCTTCTCCTC
CCCCAGCCCTCTCCTCAGGGAGCCCTCCCAGCCAGGCACCCCATTCAGCCCTCTGTGCTGGGACCAC
CAGTGGCAGCCTCAGCAGTGTGCCAGTGCCCTGCCCCACCAAGTGCCTCCAAGCCCCCGTAGTCCCC
AGCCCTGTGCTTCAAAGCCCATGTGACAAAGGGCTGGGGTGGGGCAGGCCAGCCTGCCCTCTGCCCTC
CCTTGGCTGTTGAAGAGCTTTCCTTTCCCAGCCCTGAGCAGGCGCTGGCGCTCAGCGAGCTGGCTT



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CCCGGGGATGCTGGGGGCTTGCCTCTCCCTCTGAGTCTGGGACAGCCTCCACCTTCTCCATTACTTAGC
CACAGTTTATTTGGTGTGCTGGCTGGGGCAGGGCAGCCTCCTCCTGAGCCCTGTGCCCCACCAGGGG
GACCTGGCCCTCCCTTAGCCCCAGGCGAGCCTGAAGGGCCTTCACTCTTGGTGGCTTCTGTCTCACC
ACCCCTTCTGACCTCTCCCCCTCTGCACCCCTAGCAACCTCCTTGCCCTCTTTCTGCCCTGTTG
GCCCTGGGCCCCACAGCTGGGGATGGAGAAGGATCTGCAGAGGGAGCTGGGGTCCAAATGGGGAGCCAT
TTTCAGGTTTGGGAGACCTGCCCCCTACTATTCCCCCACTTTCAGCCCCACCCACCTCATAGCTTT
AAATTCTGCGCTGCTGGCTGCCAGCCTGGATCCCCCTCGGGGACACCCCCAGCCCTGTGTCTGAGT
GCCCCCAACCTGGACCACCTACCTCCAGTGTACCCACGGCAACTACTGACCCGGGGGCTCCTCTCTGG
GCAAGGCCCCCTCCAACCTCAGGGAGACCCCTCAACTTCTTAGCCCTCTGCTGAGTGCCAGCCTGTGGG
TGATCTGTCTTCACTGACCAGCAGCCCTGGAACCTCCCCAGCCTGTTGCAGCCTCCTGGCCCTCTTCTT
TCCAGCCAGTTAGGATTGCAGCTCCTCCTGGGGGGGAGCGCCTCCACCCTATCAGAGGCCTTAGTC
CCCTAGCCTGCCTGCTACAGAGTCTCCAGATCCCTCCAGAGCAGCCAGACGCTCCTTGTCTGCCCTGA
GAGCCCCGCTCAGCCCTTGAACCGGAGCCTGCCCGCCTCCCTCAGTGCCTTAGCCCCACCCATGGT
TCTCTGACCCCCAGTCCCTGAGCTGCTCACTGGGAGGGGTGAGGAAACGGGCGGAGGGGAGGAG
GGGGACTTAGGGCATTAAACGGTGAAGCAGGCCTGGCAGAGGCCGAAAGCCGGGAGCCCGGAGAGCC
TGCCCGGCTGGCACTCAAATGGGGGACAGTGGTGGCTTCAATGGACAAATGGAACGGTCCCAAGAAGG
ACTCACCATTGGCAGCATAATGGGGAGTAGCTGAAGGGGTGCTGAGCCCAAGGATCCACCCCTTCTG
GGCCCCATCCTGAGGACCTTAAGGTGTCCCCGGGGATAGTCAGAAAGTCTCGTCGTGGCCGAGGAGAAA
ATACAACCTGCCCGGAACAGCAGCAGCAGCTCCCGCCAGGACGTTACCTTGGAGCCAGCCCTACAACC
CGAGCGGCTGTCCCTCTGCCTCCCCGGGCGCCCTGGACGTCTGCCAAAATAAGAGGAGGAACTGG
CCCCATAG

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170566

Insert Size: 3018 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001170566.2, NP_001164037.2

RefSeq Size: 3995 bp

RefSeq ORF: 3018 bp

Locus ID: 362892

Cytogenetics: 7q22