

Product datasheet for **MC205929**

Mbtd1 (BC064014) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mbtd1 (BC064014) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mbtd1
Synonyms:	AA408199; AI194990; hemp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC064014

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CCCGAGTTAAAAGGGGGGAAATCCGGGGGCTGCCACTGCTGTCGCTGGCCCTGGCCAGCCGGGGTCCC
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AAACCACGGATTCCGTGTAGGAATGAAATTAGAAGCTGTAGATCTCATGGAGCCACGGTTAATATGTGTA
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Restriction Sites:	RsrII-NotI
ACCN:	BC064014
Insert Size:	1869 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC064014](#), [AAH64014](#)

RefSeq Size: 3785 bp

RefSeq ORF: 1869 bp

Locus ID: 103537

Cytogenetics: 11 D

Gene Summary: Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility. Specifically binds to monomethylated and dimethylated 'Lys-20' on histone H4 (By similarity).[UniProtKB/Swiss-Prot Function]