

## Product datasheet for **MC217508**

### **Btbd2 (NM\_145361) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btbd2 (NM_145361) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btbd2
Synonyms:	2610037C03Rik; 4930512K17Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217508 representing NM\_145361  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCACGCCCTCCGTGGCTCCGCCCCCGCGCCGACGACAAGATGGCGGGCGGGCGAGCGGGCGCG  
 CGTCTTGCCCGCGGGGTCTGGGGCCGGCGGGCAGCCTGGGTCCCAGTGCTAACGCGGCCGCCGCC  
 CAGCAACGCCGCTGCCTGCGCCCGGTGCCTCCGCCGCCCGTCCCGCGCCCTGGGCCCGGGACTGAC  
 GCGCAGGCCGTGGGCGACGAGCGCGACGACGCGGGCCAGGCGCGCTGCTGCGGAGCCCGTGTACAAC  
 GGCAGGCCACCAAGCCCACGGTGCAGGAGCGCTTCGCCTTCTCTTCAACAACGAGGTGTGTGCGACGT  
 GCACTTCTGGTGGCAAGGGGCTCAGCTCGCAGCGCTCCCGCGCACAGGTTTGTGCTAGCTGTGGGA  
 AGCGCTGTCTTTGACCCATGTTCAATGGTGGGATGGCTACCACGTCCACCGAGATTGAGCTGCCTGATG  
 TGGAACTGCTGCCTTCTGGCGCTGCTCAAGTTCCTGTACTCAGATGAAGTGCAGATCGGGCCAGAGAC  
 AGTGATGACCACACTGTACACGGCCAAGAAGTACGCAGTGCCCGCGCTCGAGGCCACTGTGTGGAGTTC  
 CTGAAGAAGCACCTGCGGGCTGACAATGCCTTCATGCTGCTCACACAGGCACGGCTCTTCGATGAGCCCC  
 AGCTGGCCAGCCTGTGCCTGGAGAGTATAGACAAGAACACAGCGGACGCCATTGTGCGGAGGGCTTCAC  
 TGACATTGACCTGGACACGCTGGTGGCAGTGTGGAGCGGGATACCCTGGGCATTCTGTGAGGTTCCGGCTC  
 TTCAATGCAGTCGTGCGCTGGTCTGAGGCTGAGTGTCAACGGCAGCAGCTTCAGGTGACACCCGAGAACA  
 AGAGGAAGGTGCTGGGCAAGGCCCTGAGTCTCATCCGATCCCTCTGATGACCATCGAGGAGTTTGCCGC  
 AGGCCCGGCACAGTCAGGCATCCTGGTGGACCGGGAGTGGTCAAGCCTTCTCCTACATTTTACTGTCAAC  
 CCCAAGCCGCGTGTGGAGTTCATCGACCGGCCCGGTGTTGCCTGCGGGGCAAGGAGTGTAGCATTAAAC  
 GGTTCACGACAGGTGGAGAGCCGCTGGGGCTACAGCGGCACCAAGTACCGCATCAGGTTCTCGGTCAACAA  
 GCGCATTTTTGTGGTGGTTTTGGGCTCTATGGATCTATTACGGGCTACTGACTACCAAGTGAACATC  
 CAGATCATCCACACGGACAGCAACACAGTCTTGGCCAGAACGACACAGGTTTCAGCTGCGACGGTCTG  
 CCAGCACCTTCCGTGTTATGTTCAAGGAGCCCGTGGAGGTCTGCCCAATGTGAACACACCGCCTGTGC  
 CACGCTGAAGGGCCAGACTCTCACTATGGCACAAAGGTCTACGCAAGGTGACCCACGAGTCTCCACC  
 ACGGGGGTAAGACCTGCTTACCTTCTGTTACGCGGCTGGGAACAACAACGGCACATCTGTGGAGGATG  
 GGCAGATCCCTGAAGTCATCTTACACCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_145361

**Insert Size:** 1572 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\\_145361.2](#), [NP\\_663336.2](#)

**RefSeq Size:** 3026 bp

**RefSeq ORF:** 1572 bp

**Locus ID:** 208198

**Cytogenetics:** 10 C1