

## Product datasheet for **MC218708**

### **Btbd6 (NM\_201646) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btbd6 (NM_201646) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btbd6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218708 representing NM\_201646  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGCTGCCGCTCGCCTGCATGGGCGGGTGGCGCAGTGCCTAACCTCCCTGCTGGTGTCTGCAG  
 AGCCGTTTCCCAGGCCCGTCCGCGCGGAAGGCGCGCGCAGCACCGACCAGTGCAGGAGCCGCCCC  
 GGCACTAGCGAAGATGGCCGCGGAAGTGTACCCGCCCGCAGTCCCTCTGCAGCTACTGCCACCGACATC  
 GCCAACAGCAACGCGGAGGCGAGCCGAGAGCACGAAGGTGGGCTTTGCTGCCCGCCCTGCCTGGCAC  
 CCGCCCCGCTGCCGCCCTTGCCCGCGCCGCCCTTGCCAGACAACAACAATCCCGAGAGCCCCAACTGGCA  
 GTCCTTCCATCCTACGCTGCGCGAGAGGAATGCGCTCATGTTCAACAACGAGCTGATGGCTGACGTCCAC  
 TTCATCGTGGGGCTCTGGGGGTGCCAGGCGTGTGCCCGCCACAAGTATGTCTGGCTGTCCGCGAGT  
 CCGTCTTCTATGCCATGTTCTACGGGGATCTTGGGAAGTGAAGTCAGAAATCCACATCCCGATGTGGA  
 GCCTGCTGCCTTCTGGTCTTAAAGTACATGTACAGCGATGAGATCGACCTGGAGGCGGACACAGTG  
 CTTGCCACTCTGTATGCTGCTAAGAAGTACATCGTGCCTGCCCTGGCCAAGGCGCTGCGTCAACTTCTGG  
 AAACAAGTCTGGAAGCCAAAAATGCTTGTGTCCCTGCTGTCCCAGAGCCGACTGTTTGAGGAGCCTGAACT  
 GACCCAGAGATGCTGGGAAGTCATTGATGCACAAGCTGAAATGGCCCTGAGGTCTGAAGGCTTCTGTGAA  
 ATTGACCGGCAGACACTGGAGATCATTGTGACCAGGAGGCCCTCAATACCAAGGAGGCTGTGGTCTTCG  
 AGGCCGTCTGAACTGGGCTGAGGCAGAATGTAAGAGACAGGGCCTCCAGTCACTCCTCACAACAAGAG  
 GCATGTTTTGGGAAGAGCCCTTACCTGGTCCGAATCCAATATGACCTTAGAGGAGTTTGCCAATGGT  
 GCCGCCAGTCAGACATCCTGACCTTGAAGAGACCCACAACATCTTCTTTGGTACACTGCTGCCAAAA  
 AGCCCCCTCTTGACTTCCCCTGACCAAGAGGAAGGGCCTTGCTCCACAAGGTGCCACCGCTTCCAGTC  
 TTCTGCCTACCGAAGTAACCAAGTGGAGGTACCGTGGACGCTGTGACAGCATCCAGTTTGAGTGGACAGA  
 AGGGTGTTCATTGCTGGGCTGGGCTTGTATGGGTCCAGCTCTGGGAAGGCTGAGTACAGCGTCAAGATTG  
 AACTCAAGCGGCTAGGGATGGTCTGGCTCAGAACCTCACCAAGTTTGTTCAGACGGATCCAGCAACAC  
 TTTCCAGTCTGGTTTGGACACCGGTCAGGTGGAGCAGGACACCTTCTACACTGCCAGTGTCTGCTG  
 GACGGCAGTGTGCTCAGTACTTTGGGCAAGAAGGAATGACAGAGGTGAGTGTGGGAAGGTAGCCTTCC  
 AGTTCAGTGTCTCCTCAGACAGTACCAATGGGACTGGAGTTCAGGGTGGACAGATTCCAGAGCTCATCTT  
 CTATGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_201646
- Insert Size:** 1620 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\\_201646.2](#), [NP\\_964008.2](#)

**RefSeq Size:** 2075 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 399566

**UniProt ID:** [Q8K2J9](#)

**Cytogenetics:** 12 F1

**Gene Summary:** Adapter protein for the cul3 E3 ubiquitin-protein ligase complex (By similarity). Involved in late neuronal development and muscle formation (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).