

## Product datasheet for MC227368

### Btbd8 (NM\_001255991) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Btbd8 (NM\_001255991) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Btbd8  
**Synonyms:** EG627196; Gm16115; OTTMUSG00000030610  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227368 representing NM\_001255991  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCCACTGTGGAGCGGGAGGTGCGGCCCGGTGGCCCTTCTGAGTTCGCCGGGCATGGCAGGAAGG  
 GGCTGCCAGGAAGGGGCCGGGGAGCGGCCCGGCTGAAGCGCGCGGTGTCGGAGCAGCTCAGCCGCGA  
 CGTGCTCAGGCTTTAAGGGAGGAAATCCACACAGACACCATTCTTCTGTGTCAGTGGCTCGCTGTTCAA  
 GTGCACAAGGCAGTCTTGTAGCCAGAGCTCCTGGCTTTCATTCCATATCATTGAACACACATCAAGT  
 ACCTAACAAATGAGCTTGTCTGTGGATGGTGTGAAGCTTCAGAATTTAAAGCATTTTACAGATTGT  
 ATATTCATCAAACAAAAACATAAAAACTATGAAGAGGAAATGTTAAAAAACTGAAAGTGGGAAGCTTA  
 ATGCCAGAAAAGGGGCCAGAGCTCAGCTTCCCGCGGTATAGAACTTCGTCTGACTGTTTTCTGGGAAAG  
 GTGAAATCCAGAGGATTTACTGGTGGAGGTGACTGCTTTATTTCCAAGGCTGATTCTGACCTGGAGCC  
 TGCGTCTGAGTTAGGAGGAGATTTGTTGAAGCTTACCTGAGTCAGCACTACCCTGACATTGACATTTGT  
 GTTGATGGGAGGAGCTTCCGAGCCACAGGGCCATTTAAGTGCCAGGTCGAGTTATTTGCTGCAATGC  
 TGAGTGGCTGCTGGGCTGAAAGCTCCCAAGAGTATTACTCTTCAAGGAATAACCCATGTAGAAATGAA  
 TGTTATGATGCACTTTATATATGGAGGAACTTTGGATTTCCCGAAAAGGCTAATGTTGGTCAGATACTG  
 AACGTGGCTGATGTATGGACTGGAAGGATTGAGAGAAGTAGCAATCTATGTTTTAAGAAGAGATTACT  
 GTAATTTCTTTCAGAAGCCTGTTCCAGAACGTGGGCATCAATCTAGAATGCTTAATCATTGCTCATT  
 AGTCGGAGTGAAAGCCTTTTGGCTGACTGCATGAACTGCATTATAAGCCATTTTGAAGTTTTGGTGC  
 GAAAGAAGCTTTGCAATGTTCTCCTGAGATTGAGAAAACCTGTCTCAGTATGCAGATTCAGTCCCTAG  
 TGAGTATAGTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001255991
<b>Insert Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001255991.1</a></u> , <u><a href="#">NP_001242920.1</a></u>
<b>RefSeq Size:</b>	1134 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	100503185
<b>UniProt ID:</b>	<u><a href="#">D3YUB6</a></u>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Involved in clathrin-mediated endocytosis at the synapse. Plays a role in neuronal development and in synaptic vesicle recycling in mature neurons, a process required for normal synaptic transmission.[UniProtKB/Swiss-Prot Function]