

## Product datasheet for **MC216049**

### **Zbtb44 (NM\_001115130) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zbtb44 (NM_001115130) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb44
Synonyms:	6030404E16Rik; Btbd15; E230011F09
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216049 representing NM\_001115130  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTGTGAAAACATTTACTCACAGCTCCTCTCCACAGCCAGGAAATGCTGGGGAACTAAATATGC  
 TCCGAAATGATGGACATTTTGTGATATCACTATTCGTGTCCAGGACAAAATCTTCCGGCTCACAGGT  
 AGTACTAGCAGCTTGCAGTGATTTCTTTTGAACAAAATGTTGGCCAAACAGAAGATGAGAACAAAAAT  
 GTGTTGGATCTGCATCATGTTACAGTACTGGCTTTATACCTCTTTTAGAATACGCTTACACAGCCACTC  
 TGTCAATTAACACGAAAAATATTATTGATGTTCTAGCGGCAGCCAGCTATATGCAAATGTTTAGTGTTC  
 TAGTACATGCTCAGAGTTCATGAAGTCAAGTATTTTGTGGAATACACCTAATAGCCAACCCAGAAAAGAGT  
 CTAGATGCTGGACAAGAAAATAGCTCCAAGTCAATTTTACTTCTCGAGATGGAAGCATTCTCCAGTGT  
 CTTAGAGTGCAGTGTGTGGAGAGGACCATTCTGTCTGCCGAGAGTCCCGGAGGAAGCGAAAAGCTA  
 CATTGTTATGTCTCCCGAGAGTCCCGTGAATGTAGCACCAAACAAGTCCCCCGAGTACTGAATTCT  
 TCAGCTTCTATGCAGAAAATAGAAGTCAGCCAGTTGACTCTTCTTTAGCTTTTCCCTTGGACTTTCCCTT  
 TTGGAATAGATCGAAGGATTCAGCCTGAGAAAAGCAAAGCAGGCAGAAAATACCCGGACTTTAGAATTGCC  
 TGGCCATCCGAGGCAGGTAGAAGAGTGGCTGACTATGTGACTTGTGAGAGCACAAAACCCACTTGCTT  
 CTAGGTACAGAAGAAGATGTCCGGGTCAAAGTAGAAAAGATTAAGTATGAGGAGGTCATGAGGAAGTGT  
 CCCAGCCTGTTAGTGCATCTCAGAGTCACTGAGTATCAGCAGACAGTCCCGGAAGTGAACAGTTCA  
 AGAGGACCTTCTGATCAGTCCACAGTCTTCTCTATAGGCTCAGTAGAAGGAGTCACTGAAGGATTG  
 CCTACACTCAGAGCACCTTAGCACCAATGCTCATGCAGATGACGATGACAGATTGGAAAATGTTTCAGT  
 ATCCCTATCAACTCTACATTGCTCTTCTACCAGCAGTACAGAGCGCCAAAGTCCAAATGGTCCAGACAG  
 ACCGTTTCAGTGTCCAACCTGTGGGGTCCGCTTACCCGTATTCAGAATCTAAAACAGCACATGCTTATC  
 CACTCAGGAATTAACCAATTTTCAGTGTGACTGCTGTGGAAAAAAGTTTACCAGGGCTTACTCGCTAAAGA  
 TGCATCGCCTAAAGCACGAAGTATTTCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001115130

**Insert Size:** 1362 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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:** [NM\\_001115130.1](#), [NP\\_001108602.1](#)

**RefSeq Size:** 8882 bp

**RefSeq ORF:** 1362 bp

**Locus ID:** 235132

**UniProt ID:** [Q8R0A2](#)

**Cytogenetics:** 9 A4