

Product datasheet for **MC217327**

Zbtb3 (NM_001098237) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb3 (NM_001098237) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb3
Synonyms:	4930563M09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217327 representing NM_001098237
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTC**CCAGAACACAGTCAGCAGCTGCTTCAGAGCCTGCGGGAGCAACGGTCCAGGGTTTCCTTT**
 GTGACTGCACTGTGATGGTTGGTAGTACCCAGTCTTGGCCATCGGGCTGTGCTGGCCTCTGCAGCCC
 ATTCTTT**CAGCTTTTCTACAAGGAGCGGAATTGGACAAGAGGGACCTGGTGTGATTACAATGAGATT**
 GTCACGGCCCCAGCCTTTGGTTGCTTTTGGACTTTATGTATGCTGGCCAGCTGGCCCTTAGGGGAGATA
 CTCCTCTAGAAGATGTGCTGGCAGCTGCCAGCTACTTGCACATGAATGACATTGTTAAGTTTGTAAAGCA
 ACGATTGCAGGCCGAGCTCTGGCAGAGGCAGACAGTACCAAGAAGGAAGAGGAAACCAATCCTGCTAGT
 CTGGAGTTTTTGT**CAGGCAGTTCTCGAGGCCACAGCCTTACTGGCATCTGTTGAACCGTCAGCCCCT**
 GGAACAAAGAGGAATGGAAGGGTCCAGCCACTCCCTTACCCATTGCTCATCTGCAGATGAGCCACCAGT
 ATCTGGGGGGGCAGACACTACACAACCAAGCATGGAAGTTGACTCATCACATCTTCGGGCACCTCCTCCA
 CCAGTGGCTGATGCTCCGTCTCTTGGCAGCCCAAGTAGCTCTACAGAGACCATTCTGTAAACTACT
 TCTCTTCTGGCCTTCCAGGAGTTTCGGTGGAGCCCTTGACTCCTCTTGATGTGGTTCCTGAGAGTCTGAG
 GGTGGTGAACCAAGGGATACTGGAGGACCATTGCAAGGCTTCTATCCCCAGCTCCAGCCCCACCCCA
 GCGCCAGCCCCAGTTCTATCCCAGGCTCCAGCCCCAGTTGAAGCTGAACTGGTCCAGGTAAGTAGAAG
 CTATTGTGATCTCTGATGAGGAGGCTGACTTGT**CAGAGGAACAGCCCCACAGATCTGAAGGGCTGTTCCC**
 ACCTGGAGGAGCAGTGTATGGGGACAGCCCTCACAGGCAGAGGCTTTT**GAGGAGCCAGGGGCAACAGGA**
 CTAGAGGAGGTGGGGCCAAGTGACCACTTCCTGCCTCCGGAATCTCATCTACCATACCATCTGCTGCCAG
 GTCCAGGGCAGTATCATCGAGGGCTGGTAACCTCACCCCTGCCTGCACCAGCAGCCCTGCATGAACCACT
 CTACCCTCCTCTGAGTATGAAGCAGCCCAAGGGAGCTTTGAAAATTTTACAGAGGATGTTCCACCTGC
 AAGACTTGTGAAAGACCTTCTCATGTTCTTATACACTAAGGCGACATGCCACAGTGCACACACGTGAGC
 GGCCCTATGAGTGCCGCTATTGCCTACGAAGCTACACACAGT**CAGGGGACCTCTACCGCCACATCCGCAA**
 GGCTCACAATGAGGACCTGGCCAAACGCAGCAAACAGATCCAGAGGCTAGCACCATTCTAGGGGTGCAG
 CCCCTCTCTGGCTCCCAAACGACAGAGAGACATAGCAGTGGTGGTGGAGGTCCACCCAAAGAAATTTGCAC
 TTGGTCTAAAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001098237

Insert Size: 1557 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_001098237.1](#), [NP_001091707.1](#)

RefSeq Size: 2037 bp

RefSeq ORF: 1557 bp

Locus ID: 75291

UniProt ID: [Q91X45](#)

Cytogenetics: 19 A

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.