

Product datasheet for **MC217326**

Zbtb3 (NM_133759) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Zbtb3 (NM_133759) 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: >MC217326 representing NM_133759
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGTTCACAGAACACAGTCAGCAGCTGCTTCAGAGCCTGCGGGAGCAACGGTCCAGGGTTTCCTTT
GTGACTGCACTGTGATGGTTGGTAGTACCCAGTTCTTGGCCATCGGGCTGTGCTGGCCTCTGCAGCCC
ATCTTTTCAGCTTTTCTACAAGGAGCGGAATTGGACAAGAGGGACCTGGTGTGATTACAATGAGATT
GTCACGGCCCCAGCCTTTGGTTGCTTTTGGACTTTATGTATGCTGGCCAGCTGGCCCTTAGGGGAGATA
CTCCTCTAGAAGATGTGCTGGCAGCTGCCAGTACTTGCACATGAATGACATTGTTAAGTTTGTAAAGCA
ACGATTGCAGGCCGAGCTCTGGCAGAGGCAGACAGTACCAAGAAGGAAGAGGAAACCAATCCTGCTAGT
CTGGAGTTTTTGTAGGCAGTTCTCGAGGCCACAGCCTTACTGGCATCTGTTGAACCGTCAGCCCCT
GGAACAAAGAGGAATGGAAGGGTCCAGCCACTCCCTTACCCATTGCTCATCTGCAGATGAGCCACCAGT
ATCTGGGGGGGACAGACTACACAACCAAGCATGGAAGTTGACTCATCACATCTTCGGGCACCTCCTCCA
CCAGTGGCTGATGCTCCGTCTCTTGGCAGCCCAAGTAGCTCTACAGAGACCATTCTGTAAACTACT
TCTCTTCTGGCCTTCCAGGAGTTTCGGTGGAGCCCTTGACTCCTCTTGATGTGGTTCCTGAGAGTCTGAG
GGTGGTGAACCAAGGGATACTGGAGGACCATTGCAAGGCTTCTATCCCCAGCTCCAGCCCCACCCCA
GCGCCAGCCCCAGTTCTATCCCAGGCTCCAGCCCCAGTTGAAGCTGAACTGGTCCAGGTAAGTAGAAG
CTATTGTGATCTCTGATGAGGAGGCTGACTTGTAGAGGAACAGCCCCACAGATCTGAAGGGCTGTTCCC
ACCTGGAGGAGCAGTGTATGGGGACAGCCCTCACAGGCAGAGGCTTTTGGAGGCCAGGGGCAACAGGA
CTAGAGGAGGTGGGGCAAGTGACCACTTCCTGCCTCCGGAATCTCATCTACCATACCATCTGCTGCCAG
GTCCAGGGCAGTATCATCGAGGGCTGGTAACCTCACCCCTGCCTGCACCAGCAGCCCTGCATGAACCACT
CTACCCTCCTCTGAGTATGAAGCAGCCCAAGGGAGCTTTGAAAATTTTACAGAGGATGTTCCACCTGC
AAGACTTGTGAAAGACCTTCTCATGTTCTTATACACTAAGGCGACATGCCACAGTGCACACACGTGAGC
GGCCCTATGAGTGCCGCTATTGCCTACGAAGCTACACACAGTCAAGGGACCTCTACCGCCACATCCGCAA
GGCTCACAATGAGGACCTGGCCAAACGCAGCAAACAGATCCAGAGGCTAGCACCATTCTAGGGGTGCA
CCCCTCTCTGGCTCCCAAACGACAGAGAGACATAGCAGTGGTGGTGGAGGTCCACCCAAAGAAATTTGCAC
TTGGTCTAAAAATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133759

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_133759.3](#), [NP_598520.1](#)

RefSeq Size: 1917 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 (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.