

## Product datasheet for **MR207329**

### Zbtb9 (NM\_001005916) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb9 (NM_001005916) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zbtb9
Synonyms:	3930402F13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207329 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATGCTTCGACTCCTTTGCCTCCCGCATCCTCATCTCGAGATGCAACCCAGCCCCACAGACAATCC  
 ACATTGAGTTCCTCATCATAGCTCTTCGCTGCTGGAATCCCTGAACCGCCACAGGCTGGAGGAAAGTT  
 CTGTGATGTGTCCTCCTGGTTCAGGGCAGGAACTTAGGGCTCACAAAGCAGTGTGGCTGCTGCCTCT  
 CCTACTTCCATGACAAGCTGCTTTGGGGGATGCGCCCCGACTGACTTTACCGAATGTCATCGAGGCCG  
 ATGCGTTCGAGGGACTGCTTCAGCTCATTTATTAGGAAGCCTCCACCTGCCGCTGGATGCCCTCCCTGC  
 CCATCTCCTTGTAGCCAGCGCCTTCAGATGTGGCAAGTGGTAGATCGGTGCTCAGAGATTCTTCGAGAA  
 CTAGAAACGTCTGGTGGATTTCAGCCGGTGAAGAGCCTCCAGCCTCACACTTATTTCCACAACATCTT  
 CAGGAGGCTGGTGCATTCGCTCTCCCTTTCCAGAACCAGTACGCTCCTCTGCTTCTACAGAGAATTC  
 TGTTCTCCCTGAGAGCCCGCTGGAGGGGAGGGGAGTGAAGTGAAGGAATGTTACAGATTAGGTTGAAA  
 GTAGAGGAGGAAGAGGAGCAGGGGTGAGCAGCTCCACTCTTCAGACTCCTCAGCCGGAGAGAGTGTCCG  
 GAGGGGTTTCCCAAGCTTGTGGATCCCACCCATTGCCTACACCTGCTCTCCAGCAAGCCTTCAGAGGA  
 TGAGAGCTCAACAGTAGATCCTCCTGCCCTCCTGTACAAGCTTCCCAAATCTTATATGTGAATCAGGAA  
 AACGTTGAGTGTAAAGGAGGATAGCAAGAGGCACAAAGGAAAAGACCAAAGTACTATCTGGAGAGGACT  
 CTGAGGAGAAGGAGGAGCTGAGATACTTGTCTCCTCAGGAGGAGGGAAATCGTCTGGGGCAGGAGATCC  
 ATCGTGGAAACAGTGGATCTTCATGGGAATGAAATCCTGTCAGGGATGGAGGACCTGGAGAACAGGG  
 CAGGCTATGCATGGCCCTGTGAAGCTAGGAGGGACACCCCTGCAGATGGGAAGTCTTTGCTTGTCTGT  
 GTGGAAAACGGTTTGCAGTAAAGCCGAAACGAGACCCGACACATCATGTTGAGCTTACGCTTCCGCTTT  
 TGATGTGGCATCTGTAATAAACGTTTCAAGTTGAAGCATCATCTAACAGAGCACATGAAGACCCATGCG  
 AGAGCTCTGCATGCGTGTCCCATTTGTGGCCGTGATTCCGTGTCCAGGCCTTCTCCTTCGCCACCGGG  
 ACTTATGCAAGGGCCAGGGCTGGCCCACTTACCACTGGACTTACAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207329 protein sequence  
 Red=Cloning site Green=Tags(s)

MDASTPLPPASSPRCNPAPQTIHIEFPHSSSLLLESLNRHRLEGKFCVSLLVQGRELRAHKAVLAAAS  
 PYFHDKLLLGDAPRLTLPNVIEADAFEGLLQLIYSGSLHPLDALPAHLLVASGLQMWQVVDRCSEILRE  
 LETSGGISAGGRASSLTLISTTSSGGWCIRSSPFQNPVRSASTENSVLPESPAGGEGSELEGMLQIQVK  
 VEEEEEQGSAAPLFQTPQPERVSGGVSQACGSHPLPTPALPSKPSSEDESSTVDPPAPPVQASQILVYNQE  
 NVECKEEIARGTKEKTKVLSGEDSEEKEELRYLLSSGGESSGAGDPSWKPVDLHGNEILSGDGGPGGTG  
 QAMHGPVKLGGTTPADGKCFACLCKRFVVKPKRDRHIMLTFSLRPFGGICNKRFLKHHLTEHMKTHA  
 RALHACPHCGRRFRVQAFFLRHRDLCKGQGWPTYHWYK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001005916

**ORF Size:** 1380 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001005916.2](#), [NP\\_001005916.1](#)

**RefSeq Size:** 2804 bp

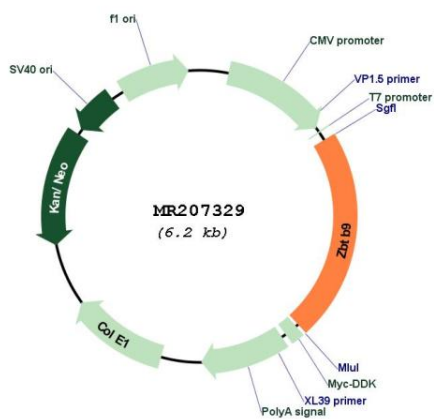
**RefSeq ORF:** 1380 bp

**Locus ID:** 474156

**UniProt ID:** [Q8CDC7](#)

Cytogenetics: 17 A3.3  
 MW: 49.5 kDa  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207329