

## Product datasheet for **RN201331**

### **Zbtb2 (NM\_001107460) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zbtb2 (NM_001107460) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201331 representing NM\_001107460  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGATTTGACCAACCATGGACTTATTCTACTGCAGCAGTTAAACGCTCAGCGGGAGTTGGGTTCTGT  
 GTGACTGCACGGTTGCAATCGGGCATGTGTACTTCAAGGCACACAAATCGGTTCTCGCTTATTCTCAA  
 TTACTTTAAGATGTTGTTGTCCATCAGACCAGTGAATGTGTCCGCTGAAGCCCACTGACATACAGCT  
 GACATATTCAGCTATCTGCTCCACCTGATGTACACCGGGAAGATGGCCCCACAGCTCATCGACCCTGTGC  
 GGTTGGAGCAAGGGATCAAATTCCTGCACGCATACCCCTCATCCAGGAAGCCAGCCTTCCAGCCAAGG  
 CACATTTTCCATCCTGAGCAAGTCTTCCCGCTGGCCTCATCCTTGTATGGCATTCAAATTCAGACCAC  
 CAGCTGAGACAAGCCACCAAGATGAATTTGGGGCCTGAGAACTTGGACGGGAGCCTAGGCCGAGGCAT  
 CCAGGATGAACCAGGAGCCTGTGCCAGAGACCTCGCAGCTGTCCAGCTGACTTCAAACCTGGCCCAGT  
 GAATCGGACAAACATGACTCCCGCCGACCCCTGCAGACCTCGCTGTACCTGAACCTGTCTCCACCT  
 GTTCTCCCTCCTCCTGGGGAGGAGACTAACCTGGAGGCTTCTCCTCGGACGAGCAGCCATCATCCC  
 TTACGATTGCCACGTAACCAAGCATCATGAAGAGGAATGGAAGCTTCCCAAGTACTATGCCTGCCA  
 CCTGTGCGGCCGTGCTTCACTGCGCAGCAGCTGCGGGAGCACCTGCAGATCCACACCGGGTACCC  
 TTCACGGCAGGCCACCTGGGAAGGCCGAGGGCCCTGTGCTCTGCAGCAATGCAGCCGACCTGGGCA  
 AGGATGCTCTGGAAGTACCGGAGGCGGGATGATCAGCGACAGTGAGCTGCAGCACATCTCCGATCCCC  
 CATCATTGATGGGAGCAACAGTCGGAGACACCACCGCCTCAGACATTGCGGACATCGACAACCTGGAG  
 CAGGCAGACCAAGAGAGGAAGTGAAGAGGCGCAAGTACGAGTGCACGATCTGCGGCCGCAAGTTCATCC  
 AGAAAAGCCACTGGCGTGAGCACATGTACATTACACAGGCAAACCTTCAAGTGCAGCACCTGCGACAA  
 GAGCTTCTGCAGGGCAACCAGGCGCAGCCAGGTGTGCTCAACCAGAGCATCGACACCTACACCATG  
 GTGGACAAGCAGACACTAGAGCTCTGCACGTTTGGAGGGCAGCCAGATGGACAATATGCTGGTGCAGG  
 CCAACAAGCCCTACAAGTGAACCTGTGTGACAAGACGTTCTCCACACCAATGAGGTGGTCAAACACTC  
 CTGCCAGAACCAGAACTCAGATGTGTTTCCCTGGATGAGGGGCGGTGAGTCTTCTGGGCAGTGGGGAC  
 TCAGAAGTGAAGTACCCTGACCACCGGTGTTAGCAGCCATCAAAAAGGAACAGGAGACTGTGTTACTAG  
 ACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107460

**Insert Size:** 1545 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\\_001107460.1](#), [NP\\_001100930.1](#)

**RefSeq Size:** 3068 bp

**RefSeq ORF:** 1545 bp

**Locus ID:** 308126

**Cytogenetics:** 1q11