

## Product datasheet for **RN214680**

### Zbtb3 (NM\_001109162) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb3 (NM_001109162) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb3
Synonyms:	RGD1561140
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214680 representing NM\_001109162  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGTTCACAGAACACAGTCAGCAGCTGCTTCAGAGCCTGCGGGAGCAACGGTCCAGGGTTTCCTTT  
GTGATTGCACTGTGATGGTTGGTAGTATCCAGTCTTAGCCCATAGAGCTGTGCTGGCCTCTGCAGCCC  
ATCTTTTCAGCTTTTCTACAAGGAACGGGAATTGGACAAGAGGGATCTGGTGTGTATTCACAATGAGATT  
GTCACCGCCCCAGCCTTTGGGTTGCTTTTGGACTTTATGTATGCTGGCCAGCTGGCCCTTAGGGGAGATA  
CTCCTCTAGAAGATGTGCTGGCAGCTGCCAGCTACTTGCACATGAATGACATTGTTAAGGTTTGTAAAGCA  
ACGCTTGAAGCAGCAGCTCTGGCAGAGGCAGACAGTACCAAGAAAGAAGAGGAAACCAATCCTGCTAGT  
TTGGAGTTTTTGTGGGAGCTTCTCGAGGCCACAGCCTTACTGGCATCTGTTGAACCATCAGTCCGCT  
GGAGCAAAGGAATGGAAGGGTCCAGCCACTCCCTTACCCATTGCTCATCTGCAGATGGGCCACCAGT  
GTCTGGTGGGGCTGACACTACACAACCAAGCATGGAAGTTGACTCATCACATCTTCGGGCACCTCCTCCA  
CCAGTGGCTGACGTCTGTCTCTCTTGGCAGCCCCAGTAGCTCTACAGAGACCCTCTGTAAACTATT  
TCTCTTCTGGCCTTCCAACAGTTTCAGTGGAGCCCTTGACTCCTCTTGATGTGGTTCCTGAGAGTCTGAG  
GGTGGTGAACCAAGGGATACTGGAGGACCATTGCAAGGCTTCTATCCCCAGCTCCAGCCCCACCCCT  
GCGCCAGCCCCAGTCTGTCCCAGGCTACAGCCCCAGTTGAAGCTGAAGTGGTCCAGGTAAGGAGTAGAAG  
CTATTGTGATCTCTGATGAGGAGACTGACTTGTGAGAGGAACAGCCTCAGGGATCTGAAGGACTGTTCCC  
TTCTGGAGGAGCAATGTATGGGGACAGCCTTACAGGCAGAGGCTTTGAGGAGCCAGGGGCAACAGGA  
CTAGAGGAGGTGGGGCAAGTGACACTTCCTGCCTCCAGAACCTCATCTACCATATCATCTGCTGCCAG  
GTCCAGGGCAGTATCATCGAGGGCTGGTACCTCACCCCTGCCTGCACCGCCAGCCCTGCATGAACCTGT  
CTACCCTCCTTCTGAGTATGAAGCAGCCCAAGGGAGCTTTGGGAGCTTTACAGAGGATGTTCCACCTGT  
AAGACATGTGAAAGACTTTCTCATGTTCTTATACACTACGGCGACATGCCACAGTACACACACGTGAGC  
GCCCTATGAGTGTGCTATTGCCTACGAAGTTACACACAGTCAAGGGACCTCTACCGCCACATCCGCAA  
GGCTCACAATGAGGACCTGGCCAAACGCAGCAAACCCAGAGGCTAGCACCATTTAGGGGTGCAG  
CCCCTCTGGCTCCAAACAACAGAGAGACATAGTGGTGGTGGAGGTCCACCCAAAGATTTTGTACTTG  
GTCCAAAAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001109162

**Insert Size:** 1554 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\\_001109162.2](#), [NP\\_001102632.1](#)

**RefSeq Size:** 2053 bp

**RefSeq ORF:** 1554 bp

**Locus ID:** 499313

**Cytogenetics:** 1q43