

## Product datasheet for **RN211173**

### **Zbtb5 (NM\_001106657) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zbtb5 (NM_001106657) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN211173 representing NM\_001106657  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATTTTCTGGTCACTTTGAGCAGATCTTTACAGCAGTTGAACTACCAGAGACTTCATGGGCAGCTCT  
 GTGACTGTGTCATCGTAGTGGGAAACAGGCACTTCAAAGCCCACCGCTCTGTGCTGGCCGATGCAGCAC  
 GCATTTCCGGGCCCTGTTCTCAGTGGCAGAAGGAGATCAAACCATGAACATGATCCAGCTGGATAGTGAG  
 GTGGTGACAGCAGAGGCCTTTGCTGCCCTGATTGACATGATGTACACCTCCACCTTATGCTAGGGGAGA  
 GCAACGTCATGGATGTCTATTGGCAGCCTCTCACCTGCATTTGAACTCTGTGGTGAAGGCGTGTAAACA  
 TTACCTGACGACAAGGACGCTCCCCATGTCTCCCCCAGTGAGCGTGTCCAGGAGCAGAGTGCCCGCATG  
 CAGCGCTCTTTATGCTGCAGCAGCTGGGACTGAGCATCGTGAGCTCAGCCCTTAGTTCAGCCAGAGTG  
 GCGAGGAGCCATCAGCCCCATGAGCTCATCCATGCGCAACAATCTGGACCAGCGGACACCTTCCCCAT  
 GAGACGCCTTACAAGCGCAAACAGACTGTGGAAGAACGGGCCCGCAGCGCCTCCGATCCTCCATGGAT  
 GAATCTGCCATTTAGATGTTACTCCAGAGAGCGGGCCTTCGGGAGTTTATTCCCGGAGGAATCTTCT  
 CCCCAGATTCTCTGAAAATTGTGGATAATCCTAAACCCGATGGGATGGCTGACAACCAGGAGGACAGCGC  
 TATGATGTTTGTATCGGCCTTTCCGGTCTCAAGAAGATGCCAAATGCCAGCCAGTCAGATGGCAGTGCT  
 GGCAACATGGCCTCTCGTGCAACTCAGGTTGAACTAGTTTTGAACAAGAAGCTGTAGCTGAGAAAGGCA  
 GTTTCAGTGTGAAAATCCTGAGGTTGGCCTTGGGGAGAAGGAGCACATGAGAGTGGTGGTGAAGTCCGA  
 GCCCTGAGCTCTCCGAGCCGAGGATGAAGTGAGCGATGTGACCTCCCAAGCAGAGGGCAGTGAGTCT  
 GTGGAGGTAGAGGGAGTGGTGGTCACTGCCGAAAAGATAGACCTCAGCCCCGAAAGCAGTGATCGGAGCT  
 TTTAGATCCCCAGTCCAGCACTGACAGGTCGGGGACATCCACATCTTGGAAGTCACAAAATATCTAGA  
 ACATAAGACCTCTTTTAGTATTTCCAACCTTCTCAACAAGAGCAGGGGGAGTAACCTCAGCACAAGTCAG  
 AGCACTGACGACAACCTCCCAAACACCACAGTACTGCAAGGCTGGAAGGCGAGGCCCGTACTTGTCTGA  
 GTCCAGAGGCTGGGCCAGCAGGTGGGCCGCTCTGCCCCGTTCCCATGTAGAGAACCATTCACTGA  
 GCCTGCAGACTCCCACTTTGTCAGGCCTGTGCAGGAGGTGATGGGCCTGCCCTGTGTGCAGACCTCAGGC  
 TACCAAGGAGAGCAATTTGGGATGGACTTTCCAGGTCTGGTTTGGGTCTCCACTTCTCTTCTCCAGGG  
 CCATGATGGGTTCCCAAGAGGAGGAGCCAGTAACTTTCCATACTACCGACGAATAGCTCCCAAAATGCC  
 AGTCGTAACCTTGTGTCAGGAGCTCACAGATCTGAAAACCAAGCCAGTCCCAGCTAATGATGAACGGG  
 GCCAGCTCATTTGAAAATGGCCACTTCTCCAGCCTGGCCCTCCGAGTTGACCAGGGCATCTGCGGATG  
 TCTTGTCCAAGTCAAGAAGGCCTTATCAGAGCACAATGCTCTGGTTGTGGAGGGAGCTCGAAAGTATGC  
 CTGCAAGATCTGCTGAAAACCTTCTGACTTTGACAGACTGCAAGAAGCACATCCGAGTCCACACAGGA  
 GAAAAGCCGTACGCCTGCCTCAAGTGGCGAAAAGGTTCACTCAGTCCAGCCACCTCTATAAGCACTCGA  
 AGACGACCTGCCTGCGCTGGCAGAGCAGCAACCTCCCCAGCACTCTGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106657

**Insert Size:** 2013 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\\_001106657.1](#), [NP\\_001100127.1](#)

**RefSeq Size:** 4348 bp

**RefSeq ORF:** 2013 bp

**Locus ID:** 298084

**Cytogenetics:** 5q22