

Product datasheet for **RN215674**

Zbtb32 (NM_001109517) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb32 (NM_001109517) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215674 representing NM_001109517
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCAGACCCCAAGACTAATCAGCCCCTATGGCTCTGATAGTTGGTACAGCTGGCTGCTAGGC
 TCAGGCCAGCACTGTGCGATACCTTGATCACTGTAGGGGCCAGGAGTTCCTGGCTCACAGCCTAGTGCT
 GGCAGGTGCAAGCCCAAGGCTGGGTTGCAGGGGCCGGTGGGCTCTGGTTGAAGGCATCAGCCCTCCACC
 TTTGCTCAGTTCTGACCTTTGTGTATGGCGAGAGTGTAGAGCTACAGCCTGGGAGCTGGGGAACCTGG
 AAGAGGCAGCCGAGCCTTGGGGGTACAGGCCTTGAAGAGGCGTCAAGAGAGCTCAAGCGCCAAAGAA
 CCACGAAGCTGGGCTGGATCCAGGATGGAAGGGGCACCAGCAGTCAAGTTCATGAGGAGTTCTGAGAGA
 GGCCTGGGGCTCCTGCAGAGAGACAGACGCCAGAGGAGGAGTCTAGTAGTGAGAGAGAACAGGAGACGC
 CAGAGGAGCACAAGCACCCGGAGAGAGCCCTGAGATGGCAGGAGGAAGAGCTAGGATGAGGGGCTCAGA
 GGAGGCCTCAGTCCAGCCTCCATGGGCTACAGGGGAGCAGAAACGAAGCAAGCAGAGGTCATGCGAGGT
 AGAGCGAGTACAGGGGCTCTGAGGAGAGTCTTCGTGGGTGCTCTAGTCCCTTTCCCCACCAGGTTCCC
 TCTAACTAGCCTCATTCCAGGCCCTGGTGGGCTGAAGCCCCTTGGTTGGGGGAGGGCCAACTGCCCT
 ATGGAGCATCTTGTGTGGCCGTCCAGATATGGCGCTCCTTTCTCCCATAGTACCCCATCACTGCGGCC
 TGGCAGGTCTGGCCTCAAGATCAGAGGATCCCACTGACCTTGAACCCTGCAAAGGTCTCTGGAGTGAGA
 ATCAGCTGGCTTCTCTAGCCCCACTCCAGGATCTTTTCTCAGGGCACTGAAAACTCAGCCCTTGGGA
 GGCAGAAGAGTCTGGCAAGGGTACACAGGCCTCTGGCAACCTGTGTGAGTCAAGAACCGAGGTTGAAC
 TGCCCATCTCACCAGCACCTCCTTTACCCTCTCCTCGCTCTCGGCCCTATTCTTGCTGTCTGTGTG
 GAAAGAGGTTTTCACTCAAGCATCAGATGGAGACACATTACCGAGTCCACACAGGAGAGAAGCCCTTCTC
 CTGTAGCCTCTGCTCAGCGCTCCCGGATTTCTCTGCCATGACCAAGCACCTGAGGACACATGGGGCT
 GCTCCCTATCGTGCCCTCTGTGCAGGGCTGGCTGTCCTAGCCTGGCCTCTATGCAGGCGCACATGCGTG
 GCCACTCGCCAGCCGGCTGCCGCCGGATGGACCATACGCTCCACCTTCTCTACTTCTCTCGAGGCC
 GACACGGGCTCCATCTCTCTGGTAGTCTACATCCTCTGCTGCCACC**TGA**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109517
- Insert Size:** 1452 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_001109517.1](#), [NP_001102987.1](#)
RefSeq Size: 1756 bp
RefSeq ORF: 1452 bp
Locus ID: 688845
Cytogenetics: 1q21