

Product datasheet for **RN203333**

Zbtb44 (NM_001034942) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb44 (NM_001034942) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb44
Synonyms:	Btbd15; RGD1308984
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203333 representing NM_001034942
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGTGTGAAAACATTTACTCACAGCTCCTCTCCACAGCCAGGAAATGCTGGGAAAACATAATATGC
 TACGAAATGACGGACATTTTGTGATATCACTATTCGTGTCCAGGACAGAATCTCCGGGCTCACAAAGT
 GGTACTAGCAGCTTGCAGTGATTTCTTTTGAACAAAACCTGTGGGCCAAAACAGAGGATGAGAACAAAAAT
 GTGTTGGATCTGCATCATGTTACAGTACTGGCTTTATACCTCTGCTGGAATACGCTTACACAGCCACTC
 TGTCCATTAACACGAAAATATTATTGATGTTCTAGCAGCAGCCAGCTATATGCAAATGTTTAGTGTTC
 TAGTACGTGCTCAGAGTTCATGAAATCAAGTATTTTGTGGAATACACCTAATAGCCAACCCAGAAAAGGT
 CTAGATGCTGGACAAGAAAATAGTTCCAACCTGCAATTTACTTCTCGAGATGGAAGCATTCTCCAGTGT
 CTTCCGAGTGCAGTGTGTGAAAGGACCATTCTGTCTGCCGAGAGTCCCGGAGAAAACGAAAAGCTA
 CATTGTTATGTCTCCTGAGAGCCCTGAAAATGTAGCACAAAACAAATCCCCCAGGTAATCT
 TCAGCTTCTATGCAGAAAATAGAAATCAGCCAGTTGATCTCTTTAGGGTTTCCATGGACTTTCCCTT
 TTGGAATTGATAGGAGGATTCAGCCTGAGAAAGCAAAGCAGGCAGAAAATACCCGGACTTTAGAGTTGCC
 TGGCCCGTCCGAGGCAGGTAGAAGGATGGCTGACTATGTACTTGTGAGAGCACAAAACACTCTTGCT
 CTAGGTACAGAAGAAGACGTCCGGGTCAAAGTAGAAAAGATTAAGTGATGAGGAGGTTTATGAGGAAGTGT
 CCCAGCCCGTTAGTGCATCTCAGAGTCACTGAGTGATCAGCAGACGGTGCCTGGAAGTGAACCAAGTTCA
 AGAGGACCTTCTGATTAGTCCACAGTCTTCTCTATAGGCTCAGTGGATGAAGGAGTCACTGAAGGATTG
 CCTACACTTCAGAGCATTCCAGCACCAATGCTCATGCAGATGAGGATGACAGATTGGAAAATGTTTCAGT
 ATCCCTATCAACTGTACATTGCTCTTCTACCAGCAGTACAGAACGACCAAGTCCAAATGGTCCAGACAG
 ACCTTTTCAATGTCCAACCTGTGGGGTTTCGCTTACCCGTATTCAGAATCTAAAACAGCACATGCTTATC
 CACTCAGGAATTAACCATTTTCAGTGTGACTGCTGTGAAAAAAGTTTACCAGGGCTTACTCGCTAAAGA
 TGCATCGCCTAAAGCACGAAGTATTTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034942

Insert Size: 1362 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_001034942.1](#), [NP_001030114.1](#)
RefSeq Size: 2730 bp
RefSeq ORF: 1362 bp
Locus ID: 363035
UniProt ID: [Q3SWU4](#)
Cytogenetics: 8q13