

Product datasheet for **RN201515**

Zbtb42 (NM_001126302) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb42 (NM_001126302) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zbtb42
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201515 representing NM_001126302 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGTTCCCGGAGCACGGCGTACGGCTGCTGGGCCGCTGAGGCAGCAGCGCAGCTTGGGTTCTGT
GCGACTGCACTGCTTGGTGGGCGACGCGCGCTTCCCTGCGCACCAGCGCTGTACTGGCCGCTGCAGTGT
CTACTTCCATCTCTTCTACAGGGACAGCCGCGAGCAGCCGCGACACAGTGGGCTCAACGGCGACATC
GTCACCGTACCCGCTTCAGCCGCTGCTGGACTTCATGTATGAGGGCCGCTGGACCTGCACAGCCTAC
CTGTCGAGGACGTCCTGGCTGCAGCCAGTTACCTACACATGTATGACATCGTCAAGGTCTGCAAGGGCAG
GCTCAGAAAGAAGGACCCAGATCTGGAGACCCGTACGCTGGGGACAGAGCTTCCCGGCAGACACCACAC
CCCCTGCCTTCTGGCCCCCTGCCTTCTGCCAAGCCACACCAAAGGCCAAACCCCATCTCTAGGGGTCA
AGGCTGTCCATCCCCTGCCAAAATTCGGACCTCCATCTTGGCAGGTCTCAGAGGAGTCGAGTGGGGCCCT
GGACCTGTGCTGAAGCCTGGCCCAAGACCAGAGCAGGCCACCCACCCTGTCTCTCCAGACATCCAG
TGCAGCTCCATACAGCAAGGGGCCAGCCACTGGTGAAGGCCGAGCAAGATTGTTCTCTGAACAAGATA
GCAGCAGCCCGCAGAGCGCGGACAGATCCCCACCACAGTCTGTGCTTCTGCAGCCCGGGCCTGGCAGT
GAACTTGGAGCCATTGCACATCCAAGGAACAGGCAGCCAGCAGCTTGGGCTGCATGCAGGCCAGTGGTG
GACAGCGAAGATCTGGGTCTGCGAGGCATCTTGCATTTGCCGTTGTGCTGCAAACTCTCCCTAGCA
CCCACGCACTGCAGCCGATCTCAGCGCCCACTTCCGGGAGCGGGACAGCGTCCGTACCAGGCTCTCCCC
GGAGGGGGCCGTCGCCACGTGCCCTCTGCGAGCAAGACCTTCTCTGCGACGTACACGCTGAAGAGGCAT
GAACGGACACACTCTGGGAGAAGCCCTATACATGCGTGCAGTGTGGTAAGAGCTTCCAGTACTCACACA
ACTTAAGCCGGCATGCTGTGGTCCACACACGGGAGAAGCCCCATGCGTGGCGTGGTGTGAGCGCCGATT
CACACAGTCTGGTGACCTGTATCGCCATGTCCGAAGTTCCACTATGGCCTCGTCAAGCCCTTGCTTGTG
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001126302
Insert Size:	1263 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:	<u>NM_001126302.1, NP_001119774.1</u>
RefSeq Size:	1727 bp
RefSeq ORF:	1263 bp
Locus ID:	691556
UniProt ID:	<u>B1WBS3</u>
Cytogenetics:	6q32
Gene Summary:	Transcriptional repressor. Specifically binds DNA and probably acts by recruiting chromatin remodeling multiprotein complexes.[UniProtKB/Swiss-Prot Function]