

## Product datasheet for **SC106053**

### ZBTB38 (BC015444) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB38 (BC015444) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB38
Synonyms:	CIBZ; PPP1R171; ZNF921
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC015444, the custom clone sequence may differ by one or more nucleotides

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CACAGAAGCCCTCTAGCCAAGGCCTCGGGCAGCCCTACCAAATGAATATGGGCACCTGAGTTTTCTAGGA  
GGGCTTTCCTGCTGCCCTGGGTCTCATCCAACCTGGTATCCATCTAAACATCCCACCCAGGGTTATTCAT  
GCTAGAGGAAGAAGAATGCCCTTCCAGAGCCAGTTCTTGGGGAAAAGAGGAAGTGTGATATAGCCAGA  
GCCCGAAAAGAAGATTACTCTGCAACAGCTAAAGCCTCACGAAAGATTTACTTGTAGATCAACTTTCAA  
AATGTAGGAAGTCAGAATGGGTGACATCATCAGAAAAATATGTGGAGCTGATCACAAGAAGTGAAGAACC  
CAGAGCACGAAAGCGGTTGTGACTCCTGGGCCAGGGAGTTGACAGCGTCTGGGTTTCAGAGGAGCCAGC  
GCCTCCGAGTTGTCTTGAAGTGAGGCTCTGCTGTAGTCCTGTTCTTCTGGCTCTAAGATCTGAATGTTGT  
GACCACTAATTTGCTCTTTCCTGGAGAGTAACCCAGTTTGGTCCACAAGGCTTGCTGCCAATCTTTGC  
CAACAGTTGAACCAAGACTCTGAGGCTGATATGCAATGCACTTACAACATTAATCAGATACTGCATTTA  
AGGTTACAGTGTCTTCCCTGGAATAGATTCCACCTCAAGAAACCAGTTTCTTTGCTCATCCATAAGAA  
GCAACTCCTCATCTGATCAAGTTTATAATAAGATTGCAGAAATTCAGTCTCATCTTTAGGCTCCACTTC  
TAGTTCCTATGCTATTTCCACCACATCTGCAGTTACTTCTCCACTGAAGTCTTGAATCTCTCAAAGTCA  
TCCATGAGGGTTGGAACCAACATCTTCCAACTCCTGATCTTGATGTGGAAGAAATGGAGGACTCAGAAC  
CAAGGATTTCCAAGTGATTTCTTCCAAAGCACAGGAATCTCACTCTGTTAAAGCTGGTCTGTTCTAACTG  
AGATGACAGTCATGTCCCTTTCCAGGGACCTCAAGGACGACTTTCACAGTGACACGGTACTCTCCATCTT  
AAATGAGCAGCGCATTCCGGGCATTTTATGCGATGTCATCATTGTGGAAGATACCAAATTTAAAGCC  
CATAGCAATGTTCTGGCAGCTTCAAGCCTGATTTTTAAAAATATCTTTGGAGCCATACAATCTGTATTT  
CCAGCCACGTCTGGAGCTGGACGATCTCAAAGCTGAAGTGTACTGAAATACTTAATTATATCTACAG  
TTCCACAGTCGTTGTCAAGAGACAGGAAACAGTCACTGATCTCGCAGCTGCAGGAAAAAGCTGGGAATA  
TCGTTCTTGAAGACCTTACTGATCGCAACTTCTCAAATCCCCGGTCCCTATGTATTCTGTATTACTG  
AAAAGGGAGTGGTTAAAGAAAAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC015444 unedited CACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCATGCTAGCACTGCATTAAGTG ATGCATACAGATCTTGATGTGGAAGAAATGGAGGACTCAGAACCAAGGATTTCCAAGTGA TTTCTTCCAAAGCACAGGAATCTCACTCTGTAAAGCTGGTCTGTTCTAACTGAGATGAC AGTCATGTCCCTTTCCAGGGACCTCAAGGACGACTTTCACAGTGACACGGTACTCTCCAT CTTAAATGAGCAGCGCATTTCGGGGCATTATGCGATGTCACATCATTGTGGAAGATAC CAAATTTAAAGCCATAGCAATGTTCTGGCAGCTTCAAGCCTGTATTTTAAAAATATCTT TTGGAGCCATAACAATCTGTATTTCCAGCCACGTCCTGGAGCTGGACGATCTCAAGCTGAA GTGTTTACTGAAATACTTAATTATATCTACAGTTCACANGTCGTTGTCAAGAGACAGGA AACAGTCACTGATCTCGCAGCTGCAGGAAAAAAGCTGGGAATATCGTTCTTGGAAAGACC TACTGATCGCAACTTCTCAAATCCCCGGGTCCCTATGTATTCTGTATTACTGAAAAGG AAAGTGGNTAAAGAAGAAAAAATGAAAAAGGCATGAAGAACCAGCCATCACTAATGGG CCAAGGATCACAATGCATTTTCCATCATCGAACAGAAAATAGTATAACATGGTTTCCCC GCTGGACTTGAGGGCAAGTCCAAAAAGTCTCCGACTCATGAGACAGCTACCTTGCCTGG AAGAGGGGGCCNTCTGCACAAGCAAACCCTGCCCAACTTGCCGACCTCAACCGCTGTT TTCCGACTGAACTTAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC015444
<b>Insert Size:</b>	2000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC015444.1</a>
<b>RefSeq Size:</b>	1434 bp
<b>RefSeq ORF:</b>	1434 bp
<b>Locus ID:</b>	253461
<b>Cytogenetics:</b>	3q23
<b>Domains:</b>	BTB

**Gene Summary:**

The protein encoded by this gene is a zinc finger transcriptional activator that binds methylated DNA. The encoded protein can form homodimers or heterodimers through the zinc finger domains. In mouse, inhibition of this protein has been associated with apoptosis in some cell types. [provided by RefSeq, Jun 2010]