

## Product datasheet for **SC115991**

### ZBTB6 (NM\_006626) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB6 (NM_006626) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB6
Synonyms:	ZID; ZNF482
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006626, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCTGAGTCTGATGTTCTGCATTTCCAGTTTGAACAGCAAGGAGATGTGGTCTTGCAAAAAATGA
ATCTTTTGAGACAGCAGAATTTATTTTGTGATGTATCAATTTACATTAATGACACTGAGTTCAGGGGCA
CAAGGTGATTTTGGCTGCTTGCTCCACTTTTATGAGAGATCAGTTTTTACTCACACAGTCAAAACATGTC
AGAATCACCATCTTACAGAGTGCAGAAGTTGGCAGAAAATTGTTACTGTCTTGCTATACTGGAGCACTTG
AAGTTAAAAGGAAAGAGCTTTTGAATACTTGACTGTGCCAGTTACCTTCAGATGGTTCACATTGTGGA
AAAGTGCACAGAAGCTTTGTCAAAGTATCTGGAATTGATCTTTCTATGAAAAACAACAACCAACACACT
GACCTGTGTCAGTCTTCTGATCCTGATGTTAAGAATGAAGATGAAAATTCTGATAAAGACTGTGAGATAA
TTGAAATTTCAGAAGATAGTCTGTAAACATAGATTTCCATGTTAAAGAAGAGGAAAAGCAATGCTTTGCA
GTCTACAGTAGAGAGTCTGACATCAGAGAGAAAAGAAAATGAAGTCACCAGAGCTGTCTACAGTAGACATA
GGTTTTAAAGACAATGAAATTTGTATCCTTCATGTAGAATCCATCAGTACAGCTGGTGTGCAAAAATGGGC
AGTTTTACAGCCTTGTACCTCTTCAAAGCAAGCATGATTTCTCTGAAACACAGCATTTCATTGATCAA
TTCTACAGTTGAGAGCAGAGTGGCTGAAGTTCTGGGAATCAAGATCAGGGCTTATTTTGTGAGAATACT
GAAGGAAGTTATGGTACAGTGAGTGAGATTCAGAACTCTGGAGGAAGGTTATTCAGTGAAGCAGTCC
CCAGGTGTCCTCGAGGCTTTCTCATGTTGAAAATCTGCGCCACCTTAAAATGCATAAACTATTCTT
ATGCTTACAGTGGGAAAAACATTTACACAGAAGAAAAATCTCAACCGACACATCCGAGGACACATGGGC
ATACGGCCCTTTTCAAGTGTACTGTGTGCTTGAAGACATTTACTGCCAAAAGCACACTTCAGGACCCTTGA
ACATACACAGTGGGGATCGGCCATACAAATGCCACTGTTGTGATATGGATTTCAAGCACAAGTCTGCTCT
CAAAAAGCACTTAACCTCTGTCCATGGCAGAAGCAGTGGTAAAAACTATCTAGGCCTGATCTCAAAAGG
CAAAGTCTACTATAA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_006626 unedited  
TCAACATTTGTNATACGACTCATATAGGCGGCCGCAAATTCGCACGAGGGTGCCGTGGN  
AATCCTTGACTCTAGTTTTCTGAGTCGATTGTGATCATGGCTGCTGAGTCTGATGTTCTG  
CATTTCCAGTTTGAACAGCAAGGAGATGTGGTCTTGCAGAAAAATGAATCTTTTGAGACAG  
CAGAATTTATTTGTGATGTATCAATTTACATTAATGACACTGAGTTCAGGGGCACAAG  
GTGATTTTGGCTGCTTGCCTCCACTTTTATGAGAGATCAGTTTTTACTCACACAGTCAAAA  
CATGTGAGAATCACCATCTTACAGAGTGCAGAAGTTGGCAGAAAAATGTTACTGTCTTGC  
TATACTGGAGCACTTGAAGTTAAAAGGAAAGAGCTTTTGAATACTTGACTGCTGCCAGT  
TACCTTCAGATGGTTCACATTGTGGAAAAGTGCACAGAAGCTTTGTCAAAGTATCTGGAA  
ATTGATCTTTCTATGAAAAACAACAACCAACACTGACCTGTGTGAGTCTTCTGATCCT  
GATGTTAAGAATGAAGATGAAAATCTGATAAAGACTGTGAGATAATTGAAATTCAGAA  
GATAGTCTGTAAACATAGATTTCCATGTTAAAGAAGAGGAAAGCAATGCTTTGCAGTCT  
ACAGTAGAGAGTCTGACATCAGAGAGAAAGGAAATGAAGTACCAGAGCTGTCTACAGTA  
GACATAGGTTNTAAAGACAATGAAATTTGTATCCTTCATGTAGAATCCATCAGTACAGCT  
GGTGTGCAAAATGGGCAGTTTTCCAGCCTTGTACCTCTTCAAAGCAGCATGTATTTCTT  
CTGAACACAGCATTTCATTGATCAATNCTCAGTTGAGAGCANAGTGGCTGAAGTTCCTGGG  
AAATCAGATCAGGNCTTATNTTGTGAGAATACTGAAGGAAGTATGGTACAGTGTGAGTA  
TTCAGA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_006626 unedited  
ACTATGNNACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTCCATTCC  
CACCTCCAGTTTATTATTTCTTATGTAAACATGTAAGATAGTTACATCCCAGGAAAAAGG  
GCAAGTGTTTTTCTGACAACGAAGTAACAACACTACCTTTTCAAGATCTTTTATATGTAA  
ATGGAGTAAATGAAGAGGCTGAACTCAAACACTTTTCATTTTTCTGTCATATCAGAAACA  
TAAACTAAATGTGAATATGTTAAATGAATAAATCTATACTTTGTATACCTGAACCTTTA  
AAAAAAGATTCCATTTTCTGAAAATTTTGTAGACATATCATGCAAACAGACACTCTCCTA  
GGAATGTTTGGAGATCATTCCGTGCTACTGAACAGGAATAAATAATAAATAATAACCA  
TCACTTTCACAAAACACCCTCCCCAGCAAAAATCTCAAAGTGCTCACAAAAAATTTTA  
CAACAATCTTACAAGGCACACATAAACTTAAACATAGTTTCAACCAATTTTTTTTCAA  
TATCCAAGATAGTAGATACTAATTCTTAAAAAATCAGAGTACTATTCTTTTACCCTCTCC  
TCCCATCTCCATCCTTCCCCCTTCCCCCAGCCCTTTTATAATAGGAAGCCCAAAATAG  
AAAAGTACTTTTCACTACTAGTAACTATTCTGAAAAGAAATATTTTACACCAACAAAT  
GCCCATCTTTAGTCAAATGGAAGCAATGAACTATGAATGAAAAAATAGCATGAGCTATCA  
CACTTTCCAGGGGAAAAGATCCCCTACTTAGAAAATTATGTCTCCAATGGAGTACTTAGT  
TACAAAATTCATAAAGACCCAAAACCGNCTCTCTGGCTTTCCCCCTTTGTTCTCAGGAG  
GAATAAAACCAATCCGGGAATTAACCTGCAATGATCTTTCAATGC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006626

**Insert Size:**

4500 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_006626.3](#), [NP\\_006617.1](#)

**RefSeq Size:** 4132 bp

**RefSeq ORF:** 1275 bp

**Locus ID:** 10773

**UniProt ID:** [Q15916](#)

**Cytogenetics:** 9q33.2

**Domains:** BTB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]