

## Product datasheet for **SC108294**

### ZBTB26 (NM\_020924) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB26 (NM_020924) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB26
Synonyms:	bioref; ZNF481
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020924, the custom clone sequence may differ by one or more nucleotides

```
ATGTCTGAAAGATCAGATCTCCTCACTTCAAGTTTGAAAATTATGGAGATTCAATGTTACAAAAATGA  
ACAAATTAAGAGAAGAGAATAAATTTTGTGATGTTACAGTTCTCATAGATGATTTGAGGTACAGGGACA  
TAAATTTGTGTTGCTGCAGGTTCCCTTCTTAAGAGACCAATTTTACTGAATGATTCCAGAGAGGTG  
AAAATCTCCATATTACAGAGTCCGAAGTGGGAGACAATTGCTCTTATCCTGTTATAGTGGTGTGCTGG  
AATTCCTGAGATGGAAGTAAATTACTTGACTGCTGCAAGTTTTCTCAGATGAGCCACATTGTAGA  
ACGGTGCACACAGGCCCTGTGGAAGTTATAAAGCCAAAAACAACCAATGGATAGTAAAGAGGGATGTGAA  
CCACAGAGTGCTTCTCCCAGTCAAAGAACAGCAGGGAGATGCCAGAGGCTCCCAAAGCAGGACTCAC  
CTTGATTCATCCATCTGAAGACAGTATGGATATGGAGGACAGTGATATTCAGATTGTTAAGGTAGAATC  
TATTGGGGATGTATCAGAGGTTAGAAGTAAAAAGATCAGAACCAGTTTATTTCTTCTGAACCCACTGCT  
TTACATTCATCAGAGCCCCAGCACTCCCTGATAAATCAACTGTGAAAAACAGAGTAAGTAAATAGAAC  
AAAACCATCTCCACAATTATGCCCTTCTTATACAGGCAGTGATAACATCATCATGGCCTCAAAGATGT  
CTTTGGCCCTAATATTCGAGGTGTAGACAAAGGCCTACAGTGGCATCACCAGTGCCCAAAGTGTACCAGG  
GTGTTTCGTACCTGGAGAACTACGCCAACCTTAAAAATGCACAACTCTTTATGTGTCTACTCTGCG  
GCAAGACTTTCACTCAGAAAGGCAACCTTCATCGACACATGCGTGTGCATGCCGAATTAACCTTTCCA  
GTGTAATCTGTGGGAAAACCTTTCTCAGAAGTGTTCCTTACAGGATCATTTAACCTTCACAGTGGA  
GATAAGCCCCATAAATGTAACATTTGTGATATGGTTTTTGCACATAAACCAAGTTTTGAGGAAACACCTTA  
AACAGCTGCATGGCAAAAACAGCTTTGATAATGCCAATGAGAGAAATGTACAAGCCTCACAGTGGATTT  
TGATTCCTTTGTCATGTACAACAGTCACAGACTCTAAAGGGTGTGACCCACAACCCGATGCAACACAGGTC  
CTGGATGCAGGTAACCTGGCCCAAGCTGCTGAACTTAAGAAATGATAGTACTTGTGTGAATTGA
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_020924 unedited  
 TCAAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGCAAAAGTCTGAA  
 AGATCAGATCTCCTTCACTTCAAGTTTGAAAATTATGGAGATTCAATGTTACAAAAATG  
 AACAAATTAAGAGAAGAGAATAAATTTTGTGATGTTACAGTTCTCATAGATGATATTGAG  
 GTACAGGGACATAAAATTTGTGTTTGCTGCAGGTTCCCCCTTCTTAAGAGACCAATTTTAA  
 TTGCTCTTATCCTGTTATAGTGGTGTGCTGGAATTCCTGAGATGGAAGTGGTAAATTAC  
 TTGACTGCTGCAAGTTTTCTTTCAGATGAGCCACATTGTAGAACGGTGACACACAGGCCCTG  
 TGAAGTTTATAAAGCCAAAACAACCAATGGATAGTAAAGAGGGATGTGAACCACAGAGT  
 GCTTCTCCCCAGTCAAAAGAACAGCAGGGAGATGCCAGAGGCTCCCCAAAGCAGGATTCA  
 CCTTGTATTTCATCCATCTGAAGACAGTATGGATATGGAGGACAGTATTCAGATTGTT  
 AAGGTAGAATCTATTGGGGATGTATCAGAGGTTAGAAGTAAAAAAGATCAGAACCAGTTT  
 ATTTCTTCTGAACCCACTGCTTTACATTCATCAGAGCCCCAGCACTCCCTGATAAATTCA  
 ACTGTGAAAACAGAGTAAGTGAATAGAACAAAACCATCTCCACAATTATGCCCTTTCT  
 TATACAGGCAGTGATAACATCATCATGGCCTCAAAGATGTCTTTGGCCCTATATTNCNN  
 NAGTGTAGACAAGGCCTACAGTGGCATCACCAGTGCCCAAGTGTNCCAGGGTGGTTTCGT  
 CACCTGGAGAACTACGCCNACCATTTANAATGCACAACCTTTTATGTGTCTACTCTGCGG  
 CAGACTTCACTCAGAAAGGCACTTATCGAACAATGCTGGN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_020924

**Insert Size:**

4700 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\\_020924.2](#), [NP\\_065975.1](#)

RefSeq Size:	1935 bp
RefSeq ORF:	1326 bp
Locus ID:	57684
UniProt ID:	<a href="#">Q9HCK0</a>
Cytogenetics:	9q33.2
Domains:	BTB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) and variants 2 and 3 encode the same protein.