

Product datasheet for **SC128217**

ZBTB10 (NM_023929) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB10 (NM_023929) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB10
Synonyms:	RINZF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_023929, the custom clone sequence may differ by one or more nucleotides

```
ATGTCGTTTCAGTAAAATGAACCGCAGGACGCTGGCGTTCCGAGGAGCGGGTTGGTCACCGCTAGCGGCG
GCGGCTCCACGAACAATAACGCTGGCGGGGAGGCCTCAGCTTGGCTCCGACGCCCCAGCCGAGACAGCC
CCCGCCGACAGCGCCGCGCTTCAGCCGCCTAATGGCGGGGGCCGACGAGGAAGTGAATTGGAG
GGCCTGGAGCCCCAAGACCTGGAGGCCTCCGCCGGCCGCGCCGCGCCGAGGAAGCCAAGGAGT
TGCTGCTCCCCAAGACGCGGGCGGCCACCTCGCTTGGCGGTGGCGGGGGGGCCCCCTGCTAGCGGA
AAGGAACCGTCGGACTCTGGCCTTCCGAGGCGGCGGCGGGGGTCTCGGAACAATGGCAGTAGCCGC
GGCCGCCCGAGACCTCGGTGTGGCCCTTGGGCATTTCAATGGCGGAGGGCCGGCGACTGTGGATCTGG
AGCTGGACGCGCTGGAGGGGAAGGAGTTGATGCAGGACGGCGCTCCCTGAGCGACAGCACCAGGACGA
GGAGGAGGGGGCAGCCTGGGCGACGGCAGCGGGCGGAAGGCGGCAGCTGCAGCAGCAGCAGCGGTCG
GGCGGCGATGGCGGGGACGAAGTGGAGGGCAGCGGTGTGGGAGCTGGCGAAGGAGAGACTGTCCAGCACT
TCCCGCTCGCGGCCCAAGTCTCTAATGCAGAAGCTCCAATGCTCCTTCCAGACCTCCTGGCTCAAGGA
CTTCCCTGGCTGCGCTATTCCAAGGATACTGGTCTTATGCTTTCGCGGCTGGTGCAAAAGACCCCTGCA
GATGGGGGAAGCGTGGACCTTCCCCAGTGGGGCATGATGAGCTTTCGCGAGGGACCCGCAACTACAAGA
AAACCCTCCTCCTGAGGCACCACGTCTCTACCGAGCACAACTCCACGAAGCCAACGCCAGGAGTCAAG
AATACCATCAGAGGAGGGTACTGTGACTTTAATAGTAGGCCAAATGAGAACTCTTATTGCTATCAACTT
CTGCGACAATAAATGAACAGAGAAAGAAAGGTATTCTTTGTGATGTGAGCATTGGTAAGCGGAAAAA
TCTTCAAAGCTCATAAGAACATCCTGGTGCAGGCAGCCGTTTCTTTAAGACTTTATATTGCTTTTCAA
CAAAGAAAGCCCTAACCAAAAACAATACTACCCACTTAGATATTGCTGCAGTTCAAGGTTTTTCAGTCATC
TTGGACTCTTTGATTTCTGGTAACCTGGTGTCTACAAGCCAAAATGCCATTGAAGTTATGACCGTGGCCA
GCTATCTTCAAATGAGTGAAGTTGTTCAAACCTTGCCGAAATTTCAATTAAGATGCCTTAAATATAAGCAT
TAAATCAGAAGCTCCAGAGTCTGTAGTTGTGGACTATAAATAAGAAAACCAAGTTAATAGAGATGGTCTG
TCTTCATCACGGGATCAAAAAATTGCCAGTTTTTGGGCAACACGGAATCTTACCAATTTGGCAAGTAATG
TAAAGATTGAAAATGATGGTTGTAATGTGACGAGGGCCAAATAGAAAACCTACCAATGAATGACAGTAG
TTGGGTCCAGGATGGATCTCCTGAAATGGCTGAAAATGAATCTGAAGGTCAAACAAAAGTGTATTTGG
AATAATATGGGCTCCAGGGAATCAAGAGACTGGCAAAAACAGGAGGAAAAACCAACTACAAAAAGAT
TTATTTATAATATCCACCTAATAATGAAACGAATTTAGAAGATTGCTCAGTAATGCAGCCACCTGTTGC
CTATCCAGAAGAAAATACACTACTCATCAAGGAAGAACCAGATTTAGATGGTGTCTACTCTCGGGCCA
GATGGTGATAGGAATGTGAATGCAATTTATTGGCTGAAGCTGGCACTAGTCAAGATGGAGGTGATGCTG
GTACTTCACATGATTTCAAGTATGGTTTGTGATGCCTGGTGTCTCAAATGATTTCAAGTATGGATTATTGCC
AGAATCTTGGCCAAAACAAGAACTGGGAAAATGGTGAATCATCTCTAATCATGAACAAGTTAAAATGC
CCTCATTGTAGCTATGTAGCCAAATACAGACGAACACTAAAAGGCACCTTGCTCATTACACAGGAGTGA
GATCATTTAGCTGTGATATTTGTGAAAACCTGTTACTCGAAGAGAACATGTAAAAGACATTCCCTGGT
GCATAAAAAGGATAAAAAATACAAATGTATGGTGTGTAAGAAGATCTTCATGTTAGCAGCCAGTGTGGGA
AAGGTGTAGATCAGGGACAGGATACAGAATCCCTCGGGATGAAGAATACGAGGAGAATGAAGTAGGAGA
AGCTGATGAAGAGCTAGTTGATGATGGAGAAGATCAGAATGATCCCTCTCGATGGGATGAATCAGGAGAA
GTTTGTATGTCTTAGATGATTAA
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_023929 unedited
 TTCGGCACGAGGGGGACGCGGCCGAGGCCGTGCGCGAGCCGGGGCACCGGGCGGGCGGCG
 GCGGGCGCGCGCCATGTCTGTTTCAAGTAAATGAACCGCAGGACGCTGGCGTTCCGAGGA
 GGCGGGTTGGTACCCTAGCGGGCGGGCTCCACGAACAATAACGCTGGCGGGGAGGCC
 TCAGCTTGGCTCCGACGCCAGCCGAGACAGCCCCCGCCAGCGCCGCCCGCGCTT
 CAGCCGCCATAATGGGCGGGGGCCGACGAGGAAGTGAATTGGAGGGCCTGGAGCCCAA
 GACCTGGAGGCCCTCCGCCGGGGCGGCCGCGCCGCGCCGAGGAAGCAAGGAGTTGCTG
 CTCCCCAAGACGCGGGCGGCCACCTCGCTTGGCGGTGGCGCGNNGGCCCCCTGCT
 AGCGAAAAGAAACCGTCCGACTCTGGCCTTCCGAGGCGNGCGGGCGGNGGTCTCGGCA
 ACAATGGCAGTAGCCGCGGCCGCCGAGACCTCGGTGGTGGCCCTTGAGGCATTTTCATG
 GGGCGAGGGCCGCGACTGTGGATCTGGAGCTGACGCGCTGGGGGAAANGGAGTGATGC
 AGGANGGCGCGTCCCTGACGACCCNAGACNNAGAGGAGGGGGCAGCCTGGGCACGCG
 CGGGNCGAAGGCGGCACTGANCAACAGGCGGTCCGCCNGCGATGCGGGACCAANNNG
 AGGAACCCGGNTGGAACTTGCAGGGAAAAACTGCCACCACTCC

3' Read Nucleotide Sequence:

>OriGene 3' genomic read for NM_023929 unedited
 CTTGTGGTTTCAATTCCTGTATGCAATCTAACAAAATTTGGTCATAATTTACCAGATATA
 CATAAATGATTTAAGTAGTAAAAGAAAATTCAGCTTCAAGAGAGTAAGTTCATATCTTGA
 GGAAAAGTAAAAGTACATTAAGAATGTAAGCCAAGTCCAGTTTCTATGCAATAAGTGAA
 CTGTAGTCTAATAAAGCAGATTTAGGTGATTTTTAGATATATATCTTTGTTCTTTAATAT
 ATATTTATATATAGACAGATCTACCAATTGTAAGTAACTAGTTTATTTAAAGGAAGGGGATAA
 ATGGGATGAAAGAAATCTTTATACTATACTTACATATTCACAAAGAACATTTTACGTTTA
 AAATACATTTTTTATTTCATAGTATCTTTGCCCACTAATTTCTACCAGAAATACATTTTA
 CTCATTTGTCTAGAACATTAAGAAGTACTCATCTGTTTTAAACAAAAATCAAACCGAAAC
 TATTTCTATCTGTGAGTTTACAGTTATGTAGAACTACAATATAGATGACAAAAGATGC
 ATCTAACCATGTAAGTGAATTTATCTTTGATTTATCCAAGCAGAAACATCATTGTCTAA
 CAATAACCATATTCTACTGAAATCAGAGACAATGATAAAGCTTGTCTCTTAAAAACAT
 CAATTTTCACTTTGATCAGATGGAGCACCAAGGGATTATATCTGGCAGCATCTCT
 GCAATTTTTTCCACCATAACTAGCATAATCTCAGTTACCTTGATATTAATAGGCAAAA
 TATACTTCCTATTTTTATTTGGAAAACAAGCTGGAGAATTTACCTCCGCTTAATCTTA
 ATTTNATATTGCAGTATGGCTGATAAATGCCN

Restriction Sites:

NotI-NotI

ACCN:

NM_023929

Insert Size:

510 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_023929.2](#), [NP_076418.2](#)

RefSeq Size: 4146 bp

RefSeq ORF: 2544 bp

Locus ID: 65986

UniProt ID: [Q96DT7](#)

Cytogenetics: 8q21.13

Domains: BTB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks a segment in an internal exon, but maintains the reading frame, compared to variant 1. The encoded isoform (b) is shorter than isoform a.