

## Product datasheet for **SC337507**

### Miz1 (ZBTB17) (NM\_001287603) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Miz1 (ZBTB17) (NM_001287603) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB17
Synonyms:	MIZ-1; pHZ-67; ZNF60; ZNF151
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001287603, the custom clone sequence may differ by one or more nucleotides

ATGGACTTCCCCAGCACAGCCAGCATGTCTTGGAACAGCTGAACCAGCAGCGGCAGCTGGGCTTCTCT  
 GTGACTGCACCTTGTGGTGGACGGTGTCACTTTAAGGCTCATAAAGCAGTGCTGGCGCCTGCAGCGA  
 TACTTCAAGATGCTCTTCGTGGACCAGAAGACGTGGTGCACCTGGACATCAGTAAACGCGGACGGCCTG  
 GGCAGGTGCTGGAGTTTATGTACACGGCCAAGCTGAGCCTGAGCCTGAGAACGTGGATGATGTGCTGG  
 CCGTGGCCACTTCTCCAAATGCAGGACATCATCACGGCCTGCCATGCCCTCAAGTCACCTTGTGAGCC  
 GGCTACCAGCCCTGGGGAAATGCGGAGGCTTGGCCACAGAAGGAGGGGACAAGAGAGCCAAAGAGGAG  
 AAGGTGGCCACCAGCACGCTGAGCAGGCTGGAGCAGGCAGGACGCAGCACACCCATAGGCCCCAGCAGGG  
 ACCTCAAGGAGGAGCGCGGCGGTGAGGCCAGAGTGCAGGCCAGGTTGCAGAGCAGACAGAGAAAGCCGA  
 TGCGCCCCGGGAGCCGCCCTGTGGAGCTCAAGCCAGACCCACGAGTGGCATGGCTGCTGCAGAAAGCT  
 GAGGCCGCTTTGTCAGAGCTCGGAGCAAGAAATGGAGGTGGAGCCCGCCGAAAGGGAAAGAGGAGC  
 AAAAGGAGCAAGAGGAGCAAGAGGAGGAGGGCGCAGGGCCAGCTGAGGTCAAGGAGGAGGTTCCAGCT  
 GGAGAACGGAGAGGCCCCCGAGGAGAACGAGAATGAGGAGTCAAGGAGTCAAGGAGGAGGAGGAGCTC  
 GGCTCCGAGGCCCCGGGCTGCGCTCAGGCACCTACGGGACCGCACGGAGTCCAAGGCCTACGGCTCCG  
 TCATCCACAAGTGCAGGACTGTGGGAAGGAGTTCACGCACACGGGGAACCTTCAAGCGGCACATCCGCAT  
 CCACACGGGGGAGAAGCCCTTCTCGTGCAGGAGTGCAGCAAGGCCTTTTCCGACCCGGCCCGTCAAG  
 GCCCATGAGAAGACGCACAGCCCCTGAAGCCCTACGGCTGCGAGGAGTGCAGCAAGGACTACCGCTCA  
 TCAGCCTGCTGAACCTGCACAAGGCGGCACTCGGGGAGGGCGGCTACCGCTGCGAGGACTGCGGCA  
 GCTTTACCACCTCGGGCAACCTCAAGGCCACCAGCTGGTGCACAGCGGCAGAGGCCCTACCGTGC  
 GACTACTGCGGCGCTCCTTCTCCGACCCCACTTCCAAGATGCGCCACCTGGAGACCCACGACAGCGACA  
 AGGAGCACAAGTGCCACACTGCGACAAGAAGTCAACCAGGTAGGGAACCTGAAGGCCACCTGAAGAT  
 CCACATCGCTGACGGGCCCTCAAGTGCCGAGAGTGTGGGAAGCAGTTCACCACCTCAGGGAACCTGAAG  
 CGGCACCTTCGGATCCACAGCGGGGAGAAGCCCTACGTGTGCATCCACTGCCAGCGACAGTTTGCAGACC  
 CCGGCGCTCTGCAGCGGCACGTCCGCATTCACACAGGTGAGAAGCCATGCCAGTGTGTGATGTGCGGTAA  
 GGCCTTACCCAGGCCAGCTCCCTCATCGCCCACGTGCGCCAGCACACCCGGGAGAGGCCCTACGTCTGC  
 GAGCGTGCAGCAAGAGATTCGTCAGTCCAGCCAGTTGGCCAATCATATTGCCCACCACGACAACATCC  
 GCCCACACAAGTGCAGCGTGTGCAGCAAGGCTTCGTGAACGTGGGGACCTGTCCAAGCAGATCATCAT  
 TCACACTGGAGAGAAGCCTTACCTGTGTGATAAGTGTGGGCGTGGCTTCAACCGGTAGACAACCTGCGC  
 TCCCAGTGAAGACCGTGCACCAGGGAAGGCAGGCATCAAGATCCTGGAGCCCGAGGAGGCAGTGGG  
 TCAGCGTGGTCACTGTGGATGACATGGTCACGCTGGCTACCGAGGCACTGGCAGCGACAGCCGCTACTCA  
 GCTCACAGGCCCTGCGACTCTGCCCGCAGTGGTGGCGGTGGGAGCTGCAGTGCAGCCGATGAGACGGAA  
 GTCCTGAAGGCGAGATCAGCAAAGCTGTGAAGCAAGTGCAGGAAGAAGACCCCAACTCACATCCTCT  
 ACGCCTGTGACTCTGTGGGGACAAGTTTCTGGATGCCAACAGCCTGGCTCAGCATGTGGCAATCCACAC  
 AGCCCAGGCACTGGTCACTTCCAGACAGACGGGACTTCTATCAGCAGTATGGGCCAGGTGGCAGCTGG  
 CCTGCCGGCAGGTGCTGCAGGCTGGGGAGCTGGTCTTCCGCCCTCGCGACGGGCTGAGGGCCAGCCCC  
 CACTGGCAGAGACCTCCCTACAGCTCTGAATGTCCCCGCTGCCGAGTGA

**Restriction Sites:** SgfI-Mlul

**ACCN:** NM\_001287603

**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\\_001287603.1](#), [NP\\_001274532.1](#)

**RefSeq Size:** 2788 bp

**RefSeq ORF:** 2433 bp

**Locus ID:** 7709

**UniProt ID:** [Q13105](#)

**Cytogenetics:** 1p36.13

**Protein Families:** Transcription Factors

**Protein Pathways:** Cell cycle

**Gene Summary:** This gene encodes a zinc finger protein involved in the regulation of c-myc. The symbol MIZ1 has also been associated with PIAS2 which is a different gene located on chromosome 18. [provided by RefSeq, Jul 2008]