

Product datasheet for **SC337321**

Miz1 (ZBTB17) (NM_001287604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Miz1 (ZBTB17) (NM_001287604) 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)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001287604, the custom clone sequence may differ by one or more nucleotides

```

ATGTACACGGCCAAGCTGAGCCTGAGCCCTGAGAACGTGGATGATGTGCTGGCCGTGGCCACTTTCCTCC
AAATGCAGGACATCATCACGGCCTGCCATGCCCTCAAGTCACTTGCTGAGCCGGCTACCAGCCCTGGGG
AAATGCGGAGGCCTTGGCCACAGAAGGAGGGGACAAGAGAGCCAAGAGGAGAAGGTGGCCACCAGCAG
CTGAGCAGGCTGGAGCAGGCAGGACGCAGCACACCCATAGGCCCCAGCAGGGACCTCAAGGAGGAGCGCG
GCGGTGAGGCCAGAGTGCAGGCCAGCGGTGCAGAGCAGACAGAGAAAGCCGATGCCGCCCGGAGCCGCC
GCCTGTGGAGCTCAAGCCAGACCCACGAGTGGCATGGCTGCTGCAGAAGCTGAGGCCGCTTTGTCCGAG
AGCTCGGAGCAAGAAATGGAGGTGGAGCCCGCCGAAAGGGGAAGAGGAGCAAAAGGAGCAAGAGGAGC
AAGAGGAGGAGGGCGCAGGGCCAGCTGAGGTCAAGGAGGAGGGTCCCAGCTGGAGAACGGAGAGGCCCC
CGAGGAGAACGAGAATGAGGAGTCAAGGAGTCAAGGAGGAGGAGTCCAGCTGGAGAACGGAGAGGCCCC
CTGCGCTCAGGCACCTACGGCGACCGCACAGGAGTCCAAGGCCACGGCTCCGTCCATCCACAAGTGCAGG
ACTGTGGGAAGGAGTTACGCACACGGGAACTTCAAGCGGCACATCCGCATCCACACGGGGGAGAAGCC
TTCTCTGTGCCGGGAGTGACGAAGGCCTTTCCGACCCGGCCGGTGAAGGCCATGAGAAGACGCAC
AGCCCTCTGAAGCCCTACGGCTGCGAGGAGTGCAGGGAAGAGCTACCGCCTCATCAGCCTGCTGAACCTGC
ACAAGAAGCGGCACTCGGGCAGGGCGCGTACCCTGCGAGGACTGCGGCAAGCTTTCACCACCTCGGG
CAACCTCAAGCGCCACCAGCTGGTGCACAGCGGCGAGAAGCCCTACCAGTGCAGTACTGCGGCCGCTCC
TTCTCCGACCCCACTTCCAAGATGCGCCACCTGGAGACCCACGACACGGACAAGGAGCACAAGTGCCAC
ACTGCGACAAGAAGTTCAACCAGGTAGGGAACCTGAAGGCCACCTGAAGATCCACATCGCTGACGGGCC
CCTCAAGTGCCGAGAGTGTGGGAAGCAGTTCACCACCTCAGGGAACCTGAAGCGGCACCTTCGGATCCAC
AGCGGGGAGAAGCCCTACGTGTGCATCCACTGCCAGCGACAGTTTGCAGACCCCGCGCTCTGCAGCGGC
ACGTCCGCATTCACACAGGTGAGAAGCCATGCCAGTGTGTGATGTGCGGTAAAGCCCTTACCAGGCCAG
CTCCCTCATCGCCACGTGCGCCAGCACACCGGGGAGAAGCCCTACGTCTGCGAGCGCTGCGGAAGAGA
TTCGTCCAGTCCAGCCAGTTGGCCAATCATATTCGCCACCACGACAACATCCGCCACACAAGTGCAGCG
TGTGCAGCAAGGCCTTCGTGAACGTGGGGGACCTGTCCAAGCACATCATCATTACACTGGAGAGAAGCC
TTACCTGTGTGATAAGTGTGGCGTGGCTTCAACCGGTAGACAACCTGCGCTCCACGTGAAGACCGTG
CACCAGGGCAAGGCAGGCATCAAGATCCTGGAGCCGAGGAGGGCAGTGGTGCAGCTGAGTGGTGCAGTGG
ATGACATGGTACGCTGGCTACCAGGCACTGGCAGCGACAGCCGTCCTCAGCTCAGTGGTGGCGGT
GGGAGCTGCAGTACAGCCGATGAGACGGAAGTCTGAAGCCGAGATCAGCAAAGCTGTGAAGCAAGTG
CAGGAAGAAGACCCCAACTCACATCCTTACGCCTGTGACTCCTGTGGGGACAAGTTTCTGGATGCCA
ACAGCCTGGCTCAGCATGTGCGAATCCACACAGCCAGGCACTGGTCAATGTTCCAGACAGACGCGGACTT
CTATCAGCAGTATGGGCCAGGTGGCACGTGGCCTGCCGGGAGGTGCTGCAGGCTGGGGAGCTGGTCTTC
CGCCCTCGCGACGGGCTGAGGGCCAGCCGCACTGGCAGAGACCTCCCTACAGCTCCTGAATGTCCCC
CGCCTGCCGAGTGA
    
```

Restriction Sites: SgfI-MluI

ACCN: NM_001287604

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_001287604.1](#), [NP_001274533.1](#)

RefSeq Size: 2763 bp

RefSeq ORF: 2184 bp

Locus ID: 7709

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]