

## Product datasheet for **RC239613**

### Miz1 (ZBTB17) (NM\_001287603) Human Tagged ORF Clone

#### Product data:

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



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ORF Nucleotide  
Sequence:

>RC239613 representing NM\_001287603  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

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Protein Sequence: >RC239613 representing NM\_001287603  
 Red=Cloning site Green=Tags(s)

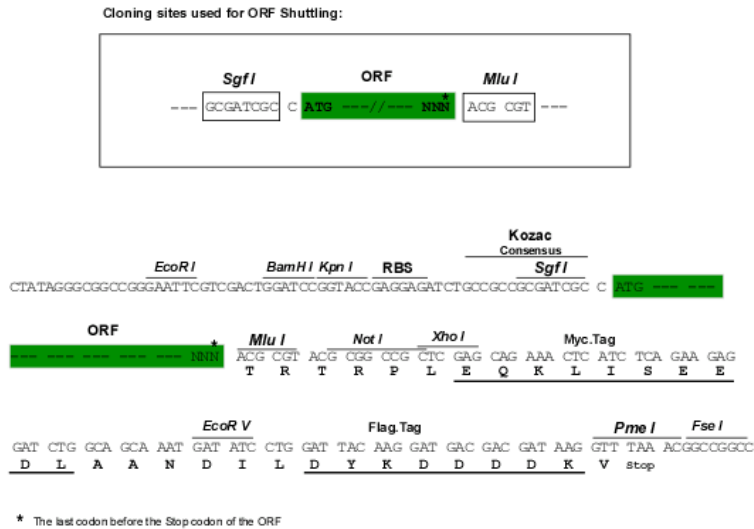
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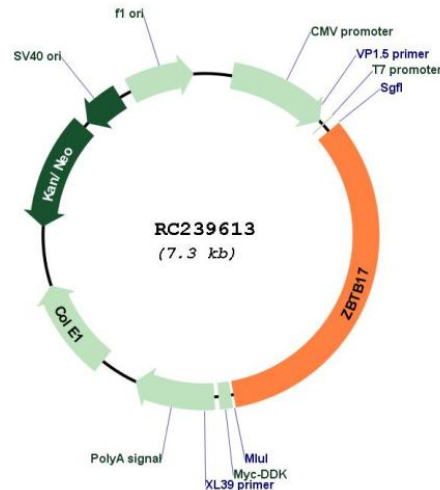
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



## Plasmid Map:



ACCN: NM\_001287603

ORF Size: 2430 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

**MW:** 89 kDa

**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]