

## Product datasheet for **RC216143L4V**

### Miz1 (ZBTB17) (NM\_003443) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Miz1 (ZBTB17) (NM_003443) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Miz1   |
| Synonyms:                 | MIZ-1; pHZ-67; ZNF60; ZNF151   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_003443  |
| ORF Size:                 | 2409 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC216143).   |
| 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. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| RefSeq:                   | <a href="#">NM_003443.1</a>  |
| RefSeq Size:              | 2643 bp  |
| RefSeq ORF:               | 2412 bp  |
| Locus ID:                 | 7709   |
| UniProt ID:               | <a href="#">Q13105</a>   |
| Cytogenetics:             | 1p36.13  |
| Domains:                  | BTB, zf-C2H2   |
| Protein Families:         | Transcription Factors  |



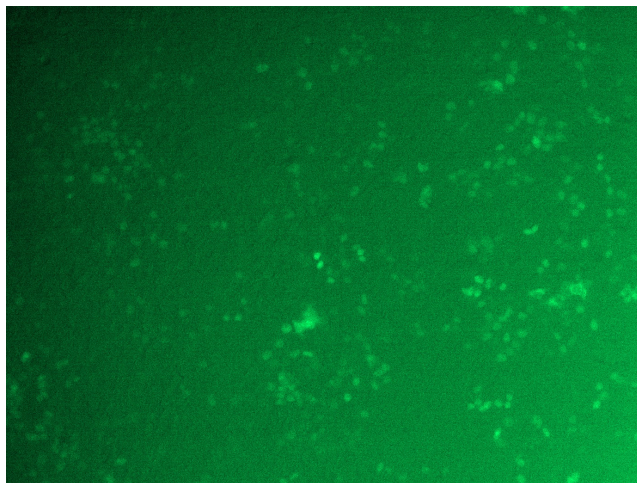
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Protein Pathways: Cell cycle

MW: 87.7 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]

### Product images:



[RC216143L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC216143L4V particle to overexpress human ZBTB17-mGFP fusion protein.