

Product datasheet for **SC304741**

Zinc finger MIZ domain containing protein 1 (ZMIZ1) (NM_020338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger MIZ domain containing protein 1 (ZMIZ1) (NM_020338) Human Untagged Clone
Tag:	Tag Free
Symbol:	Zinc finger MIZ domain containing protein 1
Synonyms:	MIZ; NEDDFS; RAI17; TRAFIP10; ZIMP10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_020338 edited

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CACTTACTCACCCCTAACGCCGAGTTCCTTTTCACTGTCTGTGGACATTAAGGCGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020338 unedited
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020338 unedited
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 TGTGGGCATGTCCGGGGGGTGGGAGGAGCTGGGGGCGGTGCATGAAGTCATTTCATGG
 AATGTCCCTCCAGGGTTTC

Restriction Sites:

Please inquire

ACCN:

NM_020338

Insert Size:

4200 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).

OTI Annotation:

The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.

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:	<u>NM_020338.2, NP_065071.1</u>
RefSeq Size:	7041 bp
RefSeq ORF:	3204 bp
Locus ID:	57178
UniProt ID:	<u>Q9ULJ6</u>
Cytogenetics:	10q22.3
Gene Summary:	This gene encodes a member of the PIAS (protein inhibitor of activated STAT) family of proteins. The encoded protein regulates the activity of various transcription factors, including the androgen receptor, Smad3/4, and p53. The encoded protein may also play a role in sumoylation. A translocation between this locus on chromosome 10 and the protein tyrosine kinase ABL1 locus on chromosome 9 has been associated with acute lymphoblastic leukemia. [provided by RefSeq, Mar 2010]