

Product datasheet for **SC337596**

ZMIZ2 (NM_001300959) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZMIZ2 (NM_001300959) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZMIZ2
Synonyms:	hZIMP7; NET27; TRAFIP20; ZIMP7
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_001300959, the custom clone sequence may differ by one or more nucleotides

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ATGAACTCCATGAACCCCATGAAACCTGCCCTGCCCCCTGCGCCACACGGTGATGGTTTCATTGCGCATATG
AGTCTGTGCCTTGGAACAAAGCGCCACTCAGCCGGCTGGATCGCTGTCTGTGGTCACTACTGTGTGGGG
AGTTGGCAACCGGACACAGAGCCAGTGCCTGGGACAGCAGGCGTTTGTGAAGGGCGGCCAACAAAGGGG
TACGTGCAGCAAGGCGTGTACAGCCGCGGGGGCTACCCTGGGGCCCCCGCTTACCACCGGGTATGCAG
GCGGCCCGGGGGGCTGGGCTCCCTCACATGCTGCAAGACCTCCACTGACTTACGCAAGCGGCAGC
TGCTGCAGCTGTGGCTGCTGCGGACCCACTGCCACCGCCACAGCCACAGCCACCGTGGCTGCTCTCCAG
GAGAAGCAGAGCCAGGAGCTGAGCCAGTATGGAGCGATGGGGGCCGACAGTCTTTAACAGCCAGTTTC
TGCAGCATGGAGTCCCCGGGGCTAGTGTCCCCGCTGGCATGAACCTACTGGCATAGGAGGGGTAAT
GGGCCCTCTGGCTCTCCCCCTGGCTATGAACCCACCGGGCAGCAGGAATGACACCCTTGTATGCA
GGGCAGCGTGTGCCCAACATGGGTATCCTGGGCTCCCAGGCCAGCCACTGCCCGACAGGGGGTCA
AGAGAACCTACTCTGAGGTGATCCAGGGCAGCAGTATCTGCAAGGAGGCCAGTATGCACCCAGCACCGC
CCAGTTTGCGCCAGCCCTGGGCAGCCCTGCCCTCCCTTCTACCTGGGCACAGGCTGCCCTG
CAGCAGGGCATGACCCAGTCCCTGTCCGTGCTGGCCCCACGGGACTGCATTATAAGCCTACCCGTTCCA
TCCCGGGCTATCCAGTTCCTCCACTGCCAGGGAACCCACGCCACCCATGACCCCAAGCAGCAGCGTCCC
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CACTCATCGCCCTCTGGAAGCGGGCTTGTGACGAGTTGGGGTACCTTCCCTGTGCGCGATGGGGTGG
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CACCGTACCCGCTGCTGCTGCTCCACCTCTTGTGCTGCAGTGTGACCCGCCATCCGTCCGCTCG
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TCAGCAGCGGCACCATCCCTGGCACCCCTGGGCCAACGGAGAGGACGGGGTGGAGCAGACAGCTATCAA
GGTGTCCCTGAAGTGCCCATCACCTTCCGAGGATCCAGCTCCCTGCCGAGGTCATGACTGTGCGCCAC
ATACAGTGCTTTGACCTGGAGTCGTACCTGCAGCTCAACTGTGAGCGGGGACTTGGAGGTGCTGTGT
GCAACAAGACAGCTTTGCTGGAGGGCTGGAGGTGGACCAGTACATGCTGGGCATCCTGATTACATTCA
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ATGCACATCAAGGAGGAGCCGGATGGGCCAGCACTGAAGCGCTGCCGCACCGTGACCCCGCCACAGTGC
TCATGCCAGCGTGATGGAGATGATCGCCGCCCTGGGCCCGGGCCTGCCCTTTGCCCCCTGCAGCC
CCCCTCAGTCCCTGCCCCAGCGACTACCTGGCCAGGGTTCCAGCTTCCCTGGGGCTGGAACCTTCCCT
GAGTCTTCCCACCCACCAGCCAGCACCCCAACCTTGTGAGTTCACCCCGGACCACCCCCATCT
CCTACCAGTCTGACATTCACAGCAGCTCCTGACTTACAGAGAAGTCTACCGCTGCCTCCAAGCCAGAT
GGCACCAGCAGGTACCTGGACCCCACTCAATCCTGGGACACCAGGACTACACACCTCCAACCTTGGG
GCCCTCCAGGTCCCAGCTGCACCATCAAACCTCCCCAGCGTCCCGGACGTCCTTGGGCCAAGCGA
GCTTAGGACCTACGGGTGAAGTGGCTTTCAGTCTGCCACAGGCGTGATGGGGCCCCCAGCATGTCTGG
AGCCGGGAGGCCAGAACAGCTCTGGACCTGCTCCCGAACTGACCAACCCTGATGAGTACTGTCC
TACTTGGGCCACCCGACCTCCCTACGAACAACATGACGACCTGCTTTCTGTTTGAACAACTGA
    
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001300959

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:	<ol style="list-style-type: none">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_001300959.1</u> , <u>NP_001287888.1</u>
RefSeq Size:	4983 bp
RefSeq ORF:	2589 bp
Locus ID:	83637
UniProt ID:	<u>Q8NF64</u>
Cytogenetics:	7p13
Gene Summary:	<p>ZMIZ2 and ZMIZ1 (MIM 607159) are members of a PIAS (see MIM 603566)-like family of proteins that interact with nuclear hormone receptors. ZMIZ2 interacts with androgen receptor (AR; MIM 313700) and enhances AR-mediated transcription (Huang et al., 2005 [PubMed 16051670]).[supplied by OMIM, May 2010]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, uses an alternate in-frame splice site and lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (3) is shorter, compared to isoform 1.</p>