

Product datasheet for **SC306961**

ZMIZ2 (NM_174929) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZMIZ2 (NM_174929) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZMIZ2
Synonyms:	hZIMP7; NET27; TRAFIP20; ZIMP7
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_174929, the custom clone sequence may differ by one or more nucleotides

```

ATGAACTCCATGAACCCCATGAAACCTGCCCTGCCCCCTGCGCCACACGGTGATGGTTCA
TTCGCATATGAGTCTGTGCCTTGGCAACAAAGCGCCACTCAGCCGGCTGGATCGCTGTCT
GTGGTCACTACTGTGTGGGAGTTGGCAACGCGACACAGAGCCAGGTTTTGGGAACCC
ATGGGCCCTGCAGGGAGTCCCTCTGGCAGCTCCATGATGCCTGGTGTGGCAGGGGCGAG
TCCGCCCTTGACCTCCCCACAGTGCCTGGGACAGCAGGCGTTTGTGAAGCGCGGCCAAC
AAGGGCTACGTGCAGCAAGGCGTGTACAGCCGCGGGGGCTACCCTGGGGCCCCGGCTTC
ACCACCGGGTATGCAGGCGGGCCGGGGGCTGGGCTCCCTCACATGCTGCAAGACCC
TCCACTGACTTACGCAAGCGGCAGCTGCTGCAGCTGTGGCTGCTGCGGCAGCCACTGCC
ACCGCCACAGCCACAGCCACCGTGGCTGCTCTCCAGGAGAAGCAGAGCCAGGAGCTGAGC
CAGTATGGAGCGATGGGGCCGGACAGTCTTTAAACAGCCAGTTTCTGCAGCATGGAGGT
CCCCGGGGGCTAGTGTCCCGCTGGCATGAACCTACTGGCATAGGAGGGGTAATGGG
CCCTCTGGCTCTCCCCCTTGGCTATGAACCCACCCGGGCGAGCAGGAATGACACCCTTG
TATGCAGGGCAGGCTCTGCCCAACATGGGTATCCTGGGCTCCCCAGGCCAGCCACTG
CCCCGACAGGGGGTCAAGAGAACCTACTCTGAGGTGTATCCAGGGCAGCAGTATCTGCAA
GGAGGCCAGTATGCACCCAGCACCGCCAGTTTGCGCCAGCCCTGGGCAGCCCCCTGCC
CCCTCCCTTCTACCCTGGGCACAGGCTGCCCTGCAGCAGGGCATGACCCAGTCCCTG
TCCGTGCTGGCCCCACGGGACTGCATTATAAGCCTACCCGTTCCATCCCGGGCTATCCC
AGTTCCCACTGCCAGGGAACCCACGCCACCCATGACCCCAAGCAGCAGCGTCCCTTAC
ATGTCACCAAACCAAGAGGTCAAGTCTCCCTTCTTGCCTGATCTCAAGCCCAACCTAAC
TCCTTGCACTCATCGCCCTCTGGAAGCGGGCCTGTGACGAGTTGCGGCTGACCTCCCT
GTGCGCGATGGGGTGGTCTGGAGCCCTTCCGCCTGCAGCACAACCTGGTGTAAAGCAAC
CATGTCTTCCAGCTGCGAGACTCAGTCTACAAGACCCTGATAATGAGCCCTGACCTGGAG
CTGCAATTCAAGTGTACCACCAGGACCGGCAGATGAACACCAACTGGCCAGCCTCG
GTGAGGTCAGCGTCAATGCCACGCGCTCACCATCGAGCGTGGCGACAACAAGACCTCG
CACAAGCCACTCTACCTGAAGCATGTGTGCCAGCCAGGCCGCAACACCATCCAGATCACC
GTCACCGCTGCTGCTGCCACCTCTTCGTGCTGCAGCTAGTGCACCGCCATCCGTC
CGCTCGGTGCTGCAGGGCCTCCTCAAAAAGCGCCTCCTGCCTGCTGAGCACTGCATCACC
AAGATAAAGCGGAACCTCAGCAGCGGCACCATCCCTGGCACCCCTGGGCCAACGGAGAG
GACGGGTGGAGCAGACAGCTATCAAGGTGCCCTGAAGTGCCCCATCACCTCCGCAGG
ATCCAGCTCCCTGCCGAGGTATGACTGTGCCACATACAGTGTCTTGACCTGGAGTCG
TACCTGCAGCTCAACTGTGAGCGGGGACTTGGAGGTGTCTGTGTGAAACAAGACAGCT
TTGCTGGAGGGCCTGGAGGTGGACCAGTACATGCTGGGCATCCTGATTTACATTCAGAAC
TCTGACTATGAGGAGATCACCATCGACCCACGTGCAGCTGGAAGCCAGTGCCCGTGAAG
CCTGACATGCACATCAAGGAGGAGCCGGATGGGCCAGCACTGAAGCGCTGCCGCACCGTG
AGCCCCGCCACGTGCTCATGCCAGCGTATGGAGATGATCGCCGCCCTGGGCCCGGC
GCTGCCCTTTGCCCTTGCAGCCCCCTCAGTCCCTGCCCCAGCGACTACCCTGGC
CAGGGTCCAGCTTCTGGGGCCTGGAACCTTCCCTGAGTCTTCCACCCACCACGCC
AGCACCCCAACCTTGTGAGTTCACCCGGGACCACCCCATCTCCTACCAGTCTGAC
ATTCCCAGCAGCCTCCTGACTTCAAGAGAAGTCTACCGCTGCCTCCCAAGCCAGATGGCA
CCAGCAGGTACCTGGACCCACTCACAATCCTGGGACACCAGGACTACACACCTCCAAC
CTTGGGGCCCTCCAGGTCCCAGCTGCACCATCAAACCCTCCCCAGCGTCCCGGCAG
TCCTTGGGCCAAGCGAGCTTAGGACCTACGGGTGAACTGGCCTTCACTCTGCCACAGGC
GTGATGGGGCCCCCAGCATGTCTGGAGCCGGGAGGCCCCAGAACCAGCTCTGGACCTG
CTCCCGAACTGACCAACCTGATGAGCTACTGTCTACTTGGGCCACCCGACCTCCCT
ACGAACAACAATGACGACCTGCTTCTCTGTTTGAACAACCTGA

```

Restriction Sites: Please inquire

ACCN: NM_174929

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_174929.2</u> , <u>NP_777589.2</u>
RefSeq Size:	5020 bp
RefSeq ORF:	2685 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 (2) lacks an alternate in-frame segment, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to isoform 1.</p>