

Product datasheet for **RN217326**

Zmiz2 (NM_001100507) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmiz2 (NM_001100507) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zmiz2
Synonyms:	RGD1309256
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217326 representing NM_001100507
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCCCATGAACCCCATGAAACCTGCCTGCCCCCTGCACCACACGGTGATGGTTTCATTTGCATATG
 AGTCTGTGCCTTGGCAACAAAGTGCCACTCAGCCAGCTGGGTCACTGTCCGTGGTCACTACTGTGTGGG
 AGTTGGCAACGCAACACAGAGCCAGTTTTGGGGAACCCCATGGGCCCTGCAGGAAGCCCCCTGGTGGC
 TCCATGATGCCTGGTGTGGCAGGTGGCAGCTCTGCCTTGACCTCCCCGAGTGCCTGGGACAGCAGGCGT
 TTGCCAAGGCGGTGCTAGCAAGGGCTACGTACAGCAAGGCGTGTATGGCCGAGGGGGCTACCCTGGGG
 ATCCAGTTTCACTCCTGGGTATGCAGGAGGCCCTGGAGGCTGGGGCTCCCCACACATGCAGCACGGCCC
 TCAACTGACTTACACAAGCAGCAGCTGCAGCTGCCATGGCTGCTGCTGCAGCTACGGCCACAGCCACAG
 CCACAGCTACTGTGGCTGCCCTGCAAGAGAAGCAGAGCCAGGAGCTAAGCCAATATGGAGCGATGGGGAC
 TGGGCAATCTTTAACAGCCAGTTTCTGCAGCATGGAGTCTCGAGGGCCAGTGTACCCCTGGCATG
 AACCTTCAGGCATGGGAGGAATGATGGGCCCTCAGGCCTTTCCTCCATGGCCATGAATCCTACACGGG
 CAGCAGGCATGACACCCTTGTATGCAGGACAGCGACTGCCTCAGCATGGTACCCTGGGCCCTCCCCAGGG
 GCAGCCGCTGCCTCGACAGGGGGTCAAGAGAGCCTACTCAGAGGTGTATCCTGGGCAGCAATATCTGCAA
 GGAGGCCAGTATGCAGCCAGCACTGCCAGTATGCTCCTGGTCCCGGGCAGCCCCCTGGCCCTGCCTCCT
 CCTACGCAGGACACAGACTCCCCCTGCAGCAGGGCATGGCCAGTCCCTGTCTGCCCTGGCCCCACAGG
 ACTGCATTACAAGCCCACAGAGCAGTTCAACGGGCAGGGCCAGCTTCAACGGGGCAGCATCAGCTAC
 AGCCAGCCTGGCTTGTAGTGGGCTTCCCGCTCCATCCCTGCTTACCCAGCTCCCCTGCGGGGAATC
 CCACACCACCATGACGCCTCAGCAGTGTCCCTACATGTCCCAAGCCAGGAGGTCAAGTCTCCTTT
 CCTGCCTGACCTCAAGCCAGGCCTCAGCTCCTTGCAACCATCACCTCTGGAAGCGTCCCCTGTGACGAG
 CTGCGCCTGACCTTCCAGTTCCGGATGGGGTGGTCTGGAGCCCTTCCGCTGCAGCACAACTGGCTG
 TGAGCAACCATGTCTTCCAGCTCCGAGACTCTGTGTATAAAAACCTGATGCTGAGACCTGACTTAGAGCT
 GCAGTTCAAGTGTACCACCACGAGGACCAGGAGTGAACACCAACTGGCCGGCCTCGGTGCAGGTGAGC
 GTCAATGCCACACCCCTCAGCATCGAGCGTGGAGACAACAAGACCTCGCACAAAGCCCTCTACCTGAAGC
 ATGTGTGCCAGCCGGTGCACACCATCCAGATCACCGTACCAGCTGCTGCTGCCACCTCTTCGT
 GCTGCAGCTGGTGCACCGTCCGCTGTCCGCTCTGTGCTGCAGGGTCTCCTCAAGAAGCGCTCTTGCCA
 GCTGAGCACTGCATACCAAGATAAAGCGGAATTCAGTAGCGGCACCATCCCTGGCACCCCTGGGCCCA
 ATGGAGAGGATGGGGTGGAGCAGACGGCTATCAAGGTGTCCCTGAAGTGCCCATCACCTTCCGAGGAT
 CCAGCTCCAGCTCGTGGTACGACTGTGCGCCACATACAGTGCTTTGACCTGGAGTCATACTTACAGCTT
 AACTGTGAGCGGGGGACCTGGAGGTGTCCGGTGTGCAACAAGACGGCATTGCTGGAGGGCCTGGAGGTGG
 ATCAGTATATGCTAGGCATCCTGATTTATATTGAACTCAGACTACGAGGAGATCACCATCGACCCAC
 ATGCAGCTGGAACACAGTGCCTGTGAAGCCTGACCTACACATCAAGGAGGAGCCGGACGGCCAGTGTG
 AAGCGTGCCTACTGTGAGCCCTGCCACGTGCTCATGCCAGTGTGATGGAGATGATTGCGGCCCTGG
 GCCCTGGCGTGGCCCCTTTGGCCATTGCAGCCCCCTTGGCCCTACCCAGCGACTACCCAGCCA
 GGGTTCAACTTCTGGGGCCTGGAACCTTCCAGAATCTTCCATCTGCTACACCCGCCACCCCAAAAC
 CTTGCTGAGTTACCCAGGGGCCACCCCAATCTCTACAGTCTGACATTCCCAGCAGCCTCCTGACTC
 CAGACAAGTCTGCTCCTTGCCTCCAGGCCAGATGGCACCAGCAGGTACCTGGACCCAGCCATATCC
 TGGACCACCAGGACTGCACACTCCAACTCGGGCCACCCAGGCACCCAGCTACACCATCCAAACCTT
 TCCCTGCATCCAGGCAGCCCTGGGCCAACAAACACAGGGCCCATCAGTGAATGGCTTCAATCCTG
 CCACGGGCATGATGGGGCTCCAGCATGACTGGGGCAGGGGAGGCTCAGAACCAGCTCTGGATCTGCT
 CCCAGAAGTACCAATCCTGATGAATCTCTCTACCTGGGTCCACCTGACCTCCCCACAACAGCAGT
 GATGATCTGCTCTACTCTTTGAGAACA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001100507
Insert Size:	2763 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100507.1, NP_001093977.1</u>
RefSeq Size:	4385 bp
RefSeq ORF:	2763 bp
Locus ID:	289783
Cytogenetics:	14q21