

Product datasheet for **RN203593**

Zmym1 (NM_001107983) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym1 (NM_001107983) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zmym1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203593 representing NM_001107983
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCCTGCAGTTCCAGGCACAGCTGCTCAGCTTTCCTGTTCCAGTTGTAGAAGAGTCTTTCAGGAGG
 GACAGACAGCTTTTCAGAGGAAAGGGTCTGCTGAGCTTTTCTGCTCGAGACTCTGCATCGATGGGTGCC
 TTTACCTGCTATGTCCCCAGCTCCTCTCAAAAGAAATGTGCTTAACTGCTCAAGAGACATTTTAAATCTA
 AAGGATATGAAGAGCGTCCGATTGGAGGATAGCAGTTGTAACAAAACTTTGTAGCCAGTCTTGCTTA
 CATCATATGAAGAAAAACGAAAGCCATGTGTTACCGTATATACTGAGAGCACTTTGCCTAAGTGCAGCAT
 GTGTCAGAGGACATCCACTAAACCACCCAGAATACTTAGATCTTTCTTGCAAATCACTGAAACTATCA
 GATGAGATGATTGTGATTACTAATGACTTGGGAACTAGAGATTTTCTGCTCTGTTTGTCTTCTCAT
 ACAACAGTGTGATGGAATCTTCTCAGTTAATGTTTCCATGGTGCACAGTGTTCAAAAGAGAAATGT
 CTGTCCTAAGAAATACCCAGTCATAAGCAGTATAATGTCATTAGTAAACAATCGTCTGACCTGGTCGTG
 AATACTGATCTCTTACAAGGTACACTTTCTTCTGTACCTACAAATGTCATTGTGAACAGCTCAGCCAGTG
 AGTCCAGCAGTGGTGTGGAAATAGTGTGGACCAGCCAAGCCTCCCCCGCCTTCTCTGTGCTCGGTGA
 GGACAAAGCTGCTCCAGTGAGGAGGTCCAAAACAACAGTGAGACAAACCAGGATCCTACATATAGCATG
 ACATCCGTGAAAGGAAATGATCAGCCATGTTTCTCAAAGTCTACATCCACAGAACAGAAGATTAGAGTG
 AGCCACAGCCTGCTGGAGAGCTGTGGAGCCAGGTTCCAGCATCTGCGTCCAGTACTGCCAATGAGAT
 CGCTTTCTGCTATTCTTGCTACTTGTCTACCAGAAAAAGTCACTGTGCGGAGAGAAGCTTTTGAACCC
 AAAGGAGCTGCTGCTGACTGGGAGAGAAATGCTGGAAAAATTCAGACGGCATGAAGAAAGCGAAGGGCACT
 TAAAGTCCCTGCGATTTTGGAGGCAATGCCAGTTTCTCGATGCCGTTCCACATAACGATTATCTGTTTA
 TTCAAAACAGATTGAAGGAAATAAAAAGTACCTACAGCTCGTCATTGAGAACATTTTATTTCTTGAAAA
 CAGTGTCTGCTCTTAAAAGGAAATGACCAGTCTATTTCTGTCCTTAATAAAGGCAATTTTTTGAATTAC
 TAGAGATTAGAGCAAGAGATAAAGGAGAGGTGTCTCGGCTTATGAGTTCACACATTGACTTCTATAGTAG
 TACTCTTGTCAGGAGGAGATTATTGAAATAATAAAGGGTGAATGTTGCAAGACATCGTGAGTGAGATC
 AACGCCTCCTCAGCCTTTTCAATAATCTGTGAGGAGGTAGCTGGCAGTGGTGTGAGAGACAGCTTCTG
 TGTGTGTGAGGTATGCACAAAAATGCCAAGTGTGTCTCGTTAAAGAGCGGTTCTGGGGTTCGTTAC
 TGCTGAGGAGGTGACTGGGGCCCATGTACACAGGCGTATCAAAGCTTACCTGCAGCAGGTGCGAGTTGAC
 TTTAATAAAATATGCGGCCAAGCCTATGATAGTCCACAAATTTAGGGTAAACTGAATGAGGTTGTAA
 CAGAAATCAAGAAGGAAGAGCCAAGAGTTCTGTATGTGCATTGTATGCACATTTTTTTGAGTTAGCCGT
 GCTTAGCTTTTGAAGGAGGTGAAGGAGCTCCGCACTGCGCTAAACACGCTCGGCTCTTTGTTCAACACT
 GTCCGTGTGTCTGGAGAAATGTTGGCAAGTTTGCAGACCGTGTGAAGCTAAGTCTGAATAAGACTTGTA
 AAAAGCACGCATCGCAGTCTGTTGGCCAGCCACGACCACTGTTACTGGCTGTGACAGACTGCCTTCC
 AGAGATCGTGGGAATGCTGGAGTCCGTGTGCGGCCACTCCTCAGGCACAGGCGTGGCTGCGGAGCTGGAA
 GATTTGTTGGCGATGGTTACCAAGTTTGAGTTTATTTTGTGTTGAAATTTCTTTATCGAATACTCAGTA
 TTACAGGGATTCTTTCTAGAGAGTTTCAAAGTAAACTGTAGACATTTTTCTTTGTTTCAAAAAATAGA
 AGCGATTTTGGAGTGTTATCTTCTGAAAGGAATGATACATATTTTAAACTATCTGGGATGGAGCAGAT
 GAAATAAGTAAAAAGATAACCAGCAAGGGTTTTGATATTGAGAAACCCCTTTTTCAAAAAAGAGAAAA
 TTCAAAGAACAGTAGATCCCTGCAACTCAGAGCATATGATTTTCTACTTCAGCAGATGAACAATATAA
 AATTAATATTTACTACCAAGTTTGGTACTGTATTTAAAAGCTTAAAGTTATATTTTTCAGAGTTTGAC
 TATTGCAAAATGAAACAAATTTCCGAGCTGTTACTCAAGTGAATGAACCATTAAATGAAGCCACAGCCA
 AGCACATCCAGGAATCTATAAACTTGATGCAGACATCATCCCTGAGCTAAGATTTTACCGGCAGTATGC
 AAGTCTCAACTTCGTACACGGAATGGTTCCTTAAGCTTCATTGACCTGGGCTGTCTGTTTATTGACAC
 GGTCTCCACAATAATATCCTTGATCACAAAAGTGTGCATATTGCTTTATCTTGCCAATTACTTCAG
 CAAATAATGAGAAGTCATTTTCCACACTGCCTCATCTTAAAGCATACTTACTTCGTACCACGGGCAAGA
 GAAGCTCAGTAGCCTTGCTCTGATAGCTGTTGAGCAGGAAGTGGTAAATAAATTGATGGAACCTGAAAGA
 CTCACGGGAATGGTTGAAAAGTTCATTAGTCAAATGAAAGATAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107983
Insert Size:	2988 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).
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_001107983.1, NP_001101453.1</u>
RefSeq Size:	3395 bp
RefSeq ORF:	2988 bp
Locus ID:	313604
Cytogenetics:	5q36