

## Product datasheet for RN213889

### Zmym3 (NM\_001040155) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym3 (NM_001040155) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zmym3
Synonyms:	MGC112818; MGC156821
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213889 representing NM_001040155 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGACCCAGTGATTTCCCGAGCCATTTGACCCATTGACCCTGCCAGAGAAGCCCTTCTGCTGGAGACC  
TTCCAGTAGACATGGAATTTGGAGAGGATCTGCTGGAATCTCAGACTGCCCAACTCGAGGATGGGCCCC  
CCCAGGTCGGTCTCCATCCTCTGGAGCCCTGGACCTGCTTGATACCCCTTCTGGCCTGGAGAAGGACCT  
GGAGTAGTCTGGATGGAGCCACTGAGCTACTGGGGCTGGGGGGCTACTCTATAAAGCCCTTCTCCCC  
CAGAGGTGGACCATGGTTCTGAGGGGACCTTGCATGGGATTCGGGGGAGCAGACCTTAGAGCCTGGACC  
AGGGTGCCAGACCCCTGAGGTGATGCCACCTGATCCAGGGGCTGGGGCCAGCCCCCTTACCTGAAGGG  
CTACTAGAACCTTTGGCTCCAGATTCTCCAATAATCCTGGAGTCTCCTCATATTGAAGAGGAGGAGATAT  
CCCCCTTAGCTACAAGTAGAAGGGGCTCCCCTGGCAGGAGGAGGAGCATACCCAAGGGCAGCCACAGAG  
CCCAAATGCACCCCTAGCCCTCAGTGGGAGAGACTCTGGGGGATGGAATCAACAGTTCTCAGACCAA  
CCTGGGGTATCTAACCTGCTGCACATCCTTCTTGGCAGGAGATGGCCTGACTGGGAAGGAGATTGAGA  
AGCCGCTGAGAGGGTACAGAAGAGAAGCGAGCGGTTAGAAGAGCAGAACCTCCAAAACCCGAGTTGT  
GGACTCCACTGAGAGCATTCCAGTGTGAGATGAGGATTCTGATGCCATGGTAGATGACCCCAATGATGAG  
GACTTTGTGCCATTCCGGCCCGCGCTCTCCTCGCATGTCCCTGCGCTCAAGTATGGCACAAGGGCTG  
GGCGCTCTTCAATGGGCACCAAGATGTCTTGTGCACATTGCCGGACACCACTGCAGAAGGGGAGACGGC  
CTATCAGCGCAAGGGTTGCCTCAGCTCTTCTGTTCTTCTCATCTTGTCTCACTACTTTCTCCAAGAAGCC  
TTGGGCAGAAAGACCTGTACCTTCTGCAAGAAGGAGATCTGGAACACCAAGGATTCAGTTGTGTTACAGA  
CTGTTTCCAGGAAGCTCCTTCCAAGATTCTGCACATCTGTCTGTCTCTCTATGAGGCCAGCAGCA  
GGCTCCAATCCCCAGTCTGGGACCTGCAGATGCCACTCGCTGCAGCATATGCCAGAAGACTGGAGAG  
GTCCTACATGAGGTGAGCAATGGCAGCGTGGTGCACCGACTCTGCAGTATTCTTCTTCTCCAATTCC  
GAGCCAACAAGGACTGAAAACCACTGTTGTGACCAGTGTGGGCTTACATCTATGCCAGGCTGGGGG  
CCTTGGCCAGAGCTCCTGTTCCATGATGGTCAACAAAAGCGTTTTGCAACACAACGTGCTTGGGGCA  
TACAAGAAGAAAAACACAGTGTGTACCATGTGTCTGGTGAAGACCCTGTGTAAGAACTTTGAGATGC



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TATCACATGTGGATCGTAAATGGCAAGACCAGCTTGTTCTGTTCCCTGTGCTGTACCACTTCTTACAAAGT  
 GAAGCAGGCAGGGCTCACTGGCCCTCCCGACCCTGCAGCTTCTGCCGCCGAGCCTCTCTGACCCTTGT  
 TACTACAACAAAGTTGATCGCACAGTCTACCAGTTCTGCAGCCCCAGCTGCTGGACCAAGTTCCAGCATA  
 CTAGCCCTGAGGGGGCATTACCTGAGCTGTCACTACTGCCATAGCCTCTTTCAGTGGCAAGCCTGAGGT  
 CTTGGAGTGGCAGGACCAGTCTCCAGTTCTGCTGCCGTGATTGCTGTGAGGACTTCAAGCGCTTCGG  
 GGTGTGGTATCCAGTGTGAGCACTGCCGGCAGGAAAAGCTCTGCATGAGAAAACCTCCGATTTCAGTGGGG  
 TAGAGAAAAGCTTCTGCAGTGAAGGCTGTGTGCTGTATACAAGCAAGATTTTACTAAGAAGCTGGGCTT  
 GTGCTGTACTTGTACTTACTGCTCCCAAACCTGTGAGCGTGGAGTCACTGAGCAACTGGATGGAAGC  
 ACCTGGGACTTTTGCAGCGAGGACTGTAAGACCAAGTACCTGTTATGGTACTGCAAGGCTGCCCGGTGCC  
 ATGCTGTAAAGCGCCAGGAAAAGCTGCTGGAAACCATCCACTGGCGCGGGCAAATCCGTCATTTCTGCAA  
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 AGCCTCTGAACAGTCACTTCTGAGTCAAAGCCCCAGACCCCTCTCAAACAAAGTGGAAAACAACA  
 ACACAGTGAAGACCCAGAGGAGAATGAGAATTTGGGCAAGATCCCTGTGAAGCGAGTTATTTCAAGTGT  
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 CACAAGTATTGTGCTGCCATCCAGTGCCATATTTGTGCCAGTGCCTATGCATCTATACTGCCAGAA  
 AGTCCCGGTGCCTTTCTCAATGCCTATCCCGGTGCCTGTGCCATGTTCCCTGCCACTACCTTGGAGAGC  
 ACAGAGAAGATCGTGGAGACATTGAGGAGCTGAAGGTGAAGATCCCATCCAACCCCTTGGAGGCTGACA  
 TCCTGGCCATGGCAGAAATGATTGCAGAGGCGGAAGAGTTAGACAAGGCCCTCTCTGATCTTTGCGATCT  
 TGTGAGCAACCAGAGTGCAGAGGGACTTCTGGAAGACTGTGACCTGTTTGGGACAGCCCGGGATGATGTC  
 CTAGCCATGGCTGTTAAGATGGCTAATGTCTTAGATGAGCCTGGGCAAGACTTGAAGCTGATTTCCCA  
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 ATCTCAAGACAGGACCTCTAGAGCCATGAGGAAGGGTCAAAGAGGCTGATGCTTTCTGAAAAGCTGT  
 TCCAGAGACTCTCTGAGCAGCCAGCCTAGTTGTACTGGTCTCAACTATTATATGTTGCTCAATGCTTGGAA  
 AATGCTGGGTACAGTCAAATATGCCAATGGAGAGACCAGCAAAGGTGATGAGCTACGCTTTGGCCCCAA  
 ACCCATGCGTATCAAGGAGGATATTCTCGCTGTTTCACTGCTGAGCTCAACTATGGTCTGGCCAGTTT  
 GTGAGAGAAATTAAGTCAACCAATGGTGAACGATATGAACCTGACAGTATCTACTACCTGTGCTTGGTA  
 TTCAGCAGTATTTGCTGGAAAATAACCGAATGGTGAACATTTTCCAGGACCTTTACTACTGACTTTCGT  
 TCAAGAACTCAACAAGTCTCTGAGTACCTGGCAGCCACACTCTCCCAACAATACTGTATTCTCCCGT  
 GTGGAGGAAGAACACCTCTGGGAGTGAAGCAACTGGGGTTTATTCTCCCTTTGCTTCTCAACACC  
 TCATGTTCTTCAACTAAGTTTTTTGGACTGCAGACAGCTGAGGAACACATGCAGCTCTCTTCACTAA  
 TGTGGTGCAGAGTCTCGCAAGTGTACCAGCCTCGGGGACCACAAAGTGGTGAAGCATCCGCTACTAT  
 GCCCAGTCCGACAGAGGAAAGGGCGAGACACAGGTCTGGGAAACGAAAGAGAGAAGATGAAACTATCT  
 TAGAGCAGCGTGAGAATCGCATGAATCCCTCCGCTGCCCGTCAAGTTCTATGATTCTATCTCTCAAA  
 ATGTCCTGAAAGCCTCCGGACTCGAAACGACGTGTTCTATTTGCAACCCGAGCGCTCCTGCATTGCTGAG  
 TCACCTCTCTGGTACTCTGTGATTCCCATGGACCGAAGCATGTTGGAGAGCATGCTCAATCGCATTCTGG  
 CTGTGCGGGAGATTTATGAGGAAGTGGTGCCTGGGGAAGAAGACCTAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001040155

**Insert Size:**

4116 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001040155.2, NP_001035245.2</u>
<b>RefSeq Size:</b>	5473 bp
<b>RefSeq ORF:</b>	4116 bp
<b>Locus ID:</b>	317260
<b>Cytogenetics:</b>	Xq22