

Product datasheet for **MC219866**

Zmym5 (NM_144842) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym5 (NM_144842) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym5
Synonyms:	9830124H08Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219866 representing NM_144842
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAAGCTCATCTCGCAGATATGGAATCATCTGGGGTCCAAGTTCCTTTAGCCGGTACATCTAGAA
 ACACACATGTGGAAGATGATGATGTTGATTTATTGAATCAGTACAGCCTCCAATTTGTGCTCCAGCAAT
 ACCTAATGAAAGAACTTTGTATTTGCTTCTCAAACATGAAAAATCCACCAGGAACTGATTCCACAATT
 TCCCTTCTTGGAGAGATTTGACTTCTCAGAAGGGAAATCTATGTGAAACAATTGTAATTGATGATGAAG
 GGGACACAGACACAAATGGAGGGGAGGAGAAAAATCCTACCGACTTTATTGAATGGGGACCGAATGGAAA
 TAAAAGTAGTACCAAAAATGTGGATTTCCCATGCCAGTCTATCAAGAAGCAAGACCAAGACTGCAGTA
 GGACCTTTAATCCCGTAGGATCGATGTCACGGATGCGTTTCAGAATGGAAGATTTGCAGTTCATCACA
 ATCCTGATTTGGATCTCCAGTCAGCATCATTTCTCGTAACCAAGCAACAAGGGGTGGATCTTT
 ATCACCAGTGGCCTCACTTCTAAACAGATATTCCAGCCCTCGAACCAACAACCCACTAAACCAGTTAAA
 GCACTTGTGCAAACTGCAAAAAACCTCTACAGAAGGGGACAGACAGCTTACCAGCGAAAAGGATCAGCTC
 ACCTCTTCTGTTCAACCCTGCCTTTCTTTCTTTCTCCATAAGCGTACTCGAAAGACACGGAATGTAAT
 GTGTA AAAAGATTCTCCTGTGAGAACCACA ACTATTGTTCTCCAGTGGAGTCAAGCAAGTCTTACAA
 GGATTTTATAATGCATCGCTATCTCCCTATGAAAACGAGTCTTAGGAAAGAGTTTTTACTAAGT
 CAAGATGTATAATCTGTAATAAATTAGGAGAGGTTTCGCCATGAAATCAGTGTAAACAGTATAACACATAA
 GCTGTGCAGTAATAATTGCTTTAATGAATACAGATTGACGAATGGTCTAATAATGAACTGCTGTGAACAG
 TGTAGCAAGTATATGCCAAGAGTACTGGGCACAGCATTCTGATAACAGGTGAGCAAAAGAGATTCTGCT
 GCCAGAATTGTGCTGACGAATATAAGAGATAATGGAAGCAAAAACAAAACACTACTGCTTTTACAAAATAG
 AAAAAGGAATGCTATCAGAGAAGAAAAATGAAAAACGATTACGTGAATCATCAGGTACACTTTCAGGAAAC
 ACAGGAGACATACCCGAAAAAAGGAAAAGTCTTCAGAGATAATAAAAGTCGCAGCAGACTGTAGCCTAG
 ATACATCATCAGAGGAACAAAATGTGAATTTACCTTGTCTGTGGCAGTAATATCTGATACATTTAAAGA
 GCAACTAGGAGACAAAATTCAGAGGAATTGGATATGTCCATTTTACCTTCTTTGGATCCAGGTTTCATGG
 CCCC GAATTTTGAATATGAAACAACGTGAATTTCTTGTCAAAAACAATCCACCTCAAATAAGAAATTTTA
 ATTTTCCAAAAGATAGTGCAGGCAAGAAGTTTTCAGAAACGTATTATACCCGAATTTCCAAAATGGTGA
 AAAGGCACCAGACCCTGGCTGCTACTCAGCCTCGAAAGACTCTGTGTTTTGCCTGTATTGCAGACTC
 TTTGGGAAGGAAAAACCAACTGAGAAATGAGAAATGGGTGCAAAGATTGGCATCATTTGTCACATCTTC
 TTAGTAAACATGACGAAAGTGAATGCACATCAACAATAGTGTTAAGTATTCAAATTAAGTCTGACTT
 GGAAAATAAAACCAATGAAGCTACAGAAGTGGGAAGATTGTGTGCAGCTACTGTACACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_144842

Insert Size: 1884 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: [NM_144842.4](#), [NP_659091.3](#)

RefSeq Size: 5354 bp

RefSeq ORF: 1884 bp

Locus ID: 219105

UniProt ID: [Q3U2E2](#)

Cytogenetics: 14 C3

Gene Summary: Functions as a transcriptional regulator.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1), and variants 2 and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.