

Product datasheet for **MC229421**

Zmym6 (NM_001285887) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym6 (NM_001285887) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym6
Synonyms:	9330177P20Rik; AI593204; AI661340; D4Wsu24e; Zfp258
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229421 representing NM_001285887 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGAACCTTTGGATGGTGGATGTGACAAAGCAATGGCACAACAAGGGCTTCTGGACAGAATTAAG
AAGAACCTGATGATGCTCATGAATATGGACCTCAAGAAAGTGAATAAAAATCAGTGCCGTGTTTTTCAGC
CGGTGACACTTCTCTCGGCTTTCAGGTTGGTCTACCGTCATCCGGCCCGAGTACATCATTTCCTGCAGTT
CCAGCTGCTCAAGTGTTTTGTTTTGGTTGTA AAAAAGTCTTCTTAAGGGACAACCTACCTACCGGAAGG
CCGGATTTGCCAGCTTTACTGCTCCATGGGATGCATCATCAGATTCTCCTCCGAGTCTGCGTGCCACC
TCTTCCAAGAGAACCTGTGCACATTGCTCCAAAGACATTTTAAATCCGATGGATGTGATCACAACCTCAG
TTTGAAAATTCCTCTCTCTGCAAAGATTTCTGCAGCCAGTCATGCCTATTTTCTTATGAGCTAAAGAAGC
CTGTTGTTACCATATATACCAAGTGGCATTTCAGCAAAGTGCAGTATGTGTGAGAAGGGCACTGATAATTT
GGCCCCGAAGCCACTCTATGCCTTGGGGAATTCATCGAGGCTGTCTGCTGAAATGATTGAGACTACAAAT
GACTCAGGAAGAAGACAGAGCTTTTTGCTCTATTAAGTCTATCTGCGTACAGAATTAAGACTGTTATTT
CTTCAGGTATACAGGTTGTGTGCATAGTTGTA AAAAGTGCAGCAGTCCCTCAGTATCACCTAGCAATGTC
AAATGGAATATTTGCAGTTTCTGTAGCTCCAAGTGTGTGCTGGCTTTCCAGGTTAGGATGTTTATGTTT
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TATAGTGTGAATGACCAATCCACAAAAGAAAAGTATTTGTGCTCCCAAAGCCAGCACAGGTAATTATTC
CTAAGGCACAAACTGCTGTGACAGCACTCCCTTCTCAAGGATAGCTACAACACCAGTTATAACCAAGTGT
GACATCATTGGCAAAAATACCTGCACCTCAGCCCACCAGGAACACGAACAATGTTTTAACAGGTGCTGGT



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CCTACAGAGGTAACAAAGATCATTGAAATGGAAGTGCACAGGCACCTGCTGAGAGACTTCAGCCTCTGC
 AGCCCCCAAGCTTCTGAAGAACAAGGCATATTTGTGCAAGCCAGTCACCCAGACCAAGGCCACCTCTTG
 CAGGCCACATACCACCATGCTGCATGCCAGACAGATTTACCTCTGCCAGAATGGAAGAGTGAAGAACCT
 GAGTCTCCACCGCAAAAAGAAGAGTAGACTTTTCCAGACTTACAATGCAGAGTATATCAGATTCCG
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 AAGCCTGTAGACTTTTTTGAGGAAAAGTCACTTGAAATGGAATGTCAAAATAGTTCTTAAAAAAGTGTT
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 GGTATTTCCATGATGAGGAATGGATTGCAAAGCTAGCCTATCTAGCAGATATATTTTCACTTATAAATAA
 ATTAATCAAGTCTCCAAGGAACCATGACTACTTTTTCAATTTGTATAATAAAGTTGACGTATTTTCAG
 AAAAGGCTAAAAATGTGGTTGAAGCGTGCACAGGAGAATGATTACGGCATGTTCCCTCTGTTTTCTGAGT
 TCTTGGACTCATCAGATGTAAGTGTGAAAACATTGCTAGCATTTTTTGAGCACCTGGAAGGACTTTC
 TCAGATATTCATGCCTGTTACCCACCAGAAGAGGACTTGCCTCCGGAACCTGTGGCTCACAGATCCT
 TTTGCCACTTACCACAGTAACAATCTCACTGACTCCGAGGAAGAGAAACTCGCCGTGTTATCTGCCGATA
 CGGGATTTTCAGTCAGTTCACAAGTCAATGTCTGTACACAGTTTTGGGTCAATGCAAAGACAAGTTATCC
 CAAGCTCCATGAAAAGGCATTGAAGCTGCTGCTGCCCTTCTCAAGCACCTGTCTGTGCGATGCCACCTTT
 TCAGCCTTGACTGCATCCAACAGAGAGACCTTCGGACTTGCCTGCCACCCTAAGACTGGCAGTCACAT
 CATTAGTTCCAAGGATAGAAAAGTTAGCAAAGGAGAAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001285887
- Insert Size:** 3474 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:

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_001285887.1](#), [NP_001272816.1](#)

RefSeq Size: 3953 bp

RefSeq ORF: 3474 bp

Locus ID: 100177

Cytogenetics: 4 61.25 cM