

Product datasheet for **MC229413**

Zmym6 (NM_001285888) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zmym6 (NM_001285888) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zmym6
Synonyms: 9330177P20Rik; AI593204; AI661340; D4Wsu24e; Zfp258
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229413 representing NM_001285888
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGATGCATCATCAGATTCTCTCCGAGTCTGCGTGCCACCTCTTCCAAGAGAACCTGTGCACATT
GCTCCAAAGACATTTAAATCCGATGGATGTGATCACAACCTCAGTTTGAAAATTCCTCTCTGCAAAGA
TTTCTGCAGCCAGTCATGCCTATTTTCTTATGAGCTAAAGAAGCCTGTTGTTACCATATATACCAGTGGC
ATTTTCAGCAAAGTGCAGTATGTGTCAGAAGGGCACTGATAATTTGGCCCCGAAGCCACTCTATGCCTTGG
GGAATTCATCGAGGCTGTCTGCTGAAATGATTGAGACTACAAATGACTCAGGAAGAAGACAGAGCTTTTTTG
CTCTATTAAGTCTTATCTGCGTACAGAATTAAGACTGTTATTTCTTCAGGTATACAGGTTGTGTGTCAT
AGTTGTAAAAGTGCAGCAGTCCCTCAGTATCACCTAGCAATGTCAAATGGAACATTTGTCAGTTTCTGTA
GCTCCAACTGTGTGCTGGCTTTCCAGAAATGATTTAACAAGCCAAAGGGAAGAACTCTTCATTGGCACC
CATATCTCAGGGCCAAGAGGTGAGGAGCACACCTGTGCAGTCTGCAGTGTAGCAAGAAAAGATGCCCT
GCCTCTTCCTTCAGTAGCCCCATCAGCAACCCTGCTGCAACAGCCCTGGAGACTCTTGCTAAACAGTCCC
ACCAGATTGCTTTGACCCATTTATCTTGAAACTCAGTGCCTGCAGTGTAGTCTCTGTTTGCCACAAA
GCCAGAGCTGCTTTTCTACAAGGTAGGATGTTTATGTTTTGCAGCAAGGCTTGCTGTGATGAATACAAA
AGGCAGAATAAAGTTAAGGCCTTGTGCGACTACTGTAAGCTACAGAAGACCATAGAGGACACGGTGCGGT
TCTCAGGGATTGACAAGCCGTTCTGTAGTGAAGTTTGCAAGTCTCTCGGCTCGAGACTTTGGGAAAAG
ATGGGGAAGTACTGTAAGACGTGCAGTACTGTTTACAGACGTCTGCAAATTTGTGGAAAACCAACTG
GAAGGCAAGTCCAGGTTTTTGTGTTGAAGATTGCATGTCTAAGTTTACAGCTCTGTTGCATCAGACAG
CCAGGTGTGATGGTTGTAACCGCAGGGTAAGCTAAGTGAGTCTTGAATGGAGAGGCAACATCAAATA
CTTCTGTAACCTGTTCTGTGCTTGCAGTTTTGCCATCAGTATAGTGTGAATGACCAATCCACAAGA
AAAGTATTTGTGCTCCCAAAGCCAGCACAGGTAATTTCTTAAGGCACAACTGCTGTGACAGCACTCC
CTTCTCAAGGATAGCTACAACACCAGTTATAACCAAGTGTGACATCATTGGCAAAAATACCTGCACCTCA
GCCACCAGGAACACGAACAATGTTTTAACAGGTGCTGGTCTACAGAGGTAACAAGATCATTGAAAAT
GGAAGTGACAGGCACCTGCTGAGAGACTTCAGCCTCTGCAGCCCCCAAGCTTCTGAAGAACAAGGCA



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TATTGTGCAAGCCAGTCACCCAGACCAAGGCCACCTCTTGCAGGCCACATACCCACCATGCTGCATGCCA
 GACAGATTTACCTCTGCCAGAATGGAAGAGTGAAGAACCTGAGTCTCCACCGGCAAAAAGAAGAGTA
 GACTTTTCCCAGACTTACAATGCAGAGTATATCAGATTCGGTTTCATTATCTGTTCTGGATCAGAGGAAA
 GTTCACCAAGCCCACAGTGTGTCATTTGTGGAGAGGTCTACCTAGTGAAAGTGTGATGCCAGTAAGTCT
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 TCTAATAGCACAAATTGGGTGCAGGATCAAGAACTGTCTGATGACATCGAAGATCAGCTGCTGCAGAAGG
 TCAGGGAGTCCAGGTGGTTGCCCTTCAGGTGGACGAGTCGTCTGAGGCCACAGAGGTGCCGCTTCTCT
 CTGCTATGTCCGCTTCATCGACTATGACCGTGGAGATGTGAAAGAAGAATTACTTTTTGCACTGAAATG
 CCTTCTCCGAGCACAGATCTGAAGTGTGTAATAATAAATAATATATTGATAGCAGATCTCTGAATT
 GGAACCATTGTGTGGTTTCTGTACTGATGGGGCCGCAAGCATGACTGACAGGTATTTTCGTTTAAGGTC
 AAAAAATCAAGAAATTGCCAAGAATACAGTGACATTTACACATTGTTTCATTACCGTGAACACTTAGCA
 GCCAAAAAGCTATCTCCATGCTTACATGAAATCTTTGTCAGTCATCACAAATTTAAGCTTTGTAAGA
 ACAGTGCTTCAGATTCACAAATGTTGACAAATTTGTGTGAAGAGATGGGATCTGAGCATGTGAATTTACC
 ACTTAATGCTGAAGTACGCTGGCTGTGCGAGAGGGAGAATTTAACAAGATTATTTGAACTGAGACATGAA
 ATTGAAATATTTTAAATCAAAAGCATTGAGATTTGGCCAGGTATTTCCATGATGAGGAATGGATTGCAA
 AGCTAGCCTATCTAGCAGATATATTTTCACTTATAAATAAATTAATTAAGTCTCCAAGGAACCATGAC
 TACTTTTTTCAATTTGTATAATAAAGTTGACGTATTTGAGAAAAGGCTAAAAATGTGGTTGAAGCGTGCA
 CAGGAGAATGATTACGGCATGTTCCCTCTGTTTCTGAGTCTTGGACTCATCAGATGTAAGTGTGAAAA
 ACATTGCTAGCATCATTTTTGAGCACCTGGAAGGACTTTCTCAGATATTCATGCCTGTTACCCACCAGA
 AGAGGACTTGCCTCCGAAACCTGTGGCTCACAGATCCTTTTGCCACTTACCACAGTAACAATCTCACT
 GACTCCGAGGAAGAGAACTCGCCGTGTTATCTGCCGATACGGGATTTTCAGTCAGTTCACAAGTCAATGT
 CTGTCACACAGTTTTGGGTCAATGCAAAGACAAGTTATCCCAAGCTCCATGAAAAGGCATTGAAGCTGCT
 GCTGCCCTTCTCAAGCACCTGTCTGTGCGATGCCACCTTTTCAGCCTTGACTGCATCCAAACAGAGAGAC
 CTTCCGACTTGGCGTCCACCCTAAGACTGGCAGTCACATCATTAGTTCCAAGGATAGAAAAGTTAGCAA
 AGGAGAAAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001285888
- Insert Size:** 3444 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_001285888.1](#), [NP_001272817.1](#)

RefSeq Size: 4236 bp

RefSeq ORF: 3444 bp

Locus ID: 100177

Cytogenetics: 4 61.25 cM