

Product datasheet for **MC218400**

Zmym1 (BC064774) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym1 (BC064774) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym1
Synonyms:	5830412B09Rik; AW209050
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC064774
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCAAAAAATTTAGCTGTCGGAGAGAAGCTTTTGCAACCCAAGGAAGTCTGACTGGGAGAAAAATGC
 TGGGAAATTTTCAGAAAGCATGAAGAAAGTGACGTGCACCTAAAGTCACTGCAATTTTGGAGGCAATACCA
 GTTTCTCGATGCTATTCCGTGTGACAATTCATCTGTTTATTCAAACAGATTGAAGGAAATAAAAAGTAC
 CTAAGGCTCATCATTTGAGAACATTTTATTCTTGAAAAACAGTGCTTGTGTTAAAGGAAATGACCAGT
 CTGTTTACCCATGAATAAAGGCAGTTTTTTGGAATTGCTAGAACTTAGAGCAAGAGATAGAGGAGAGGT
 ATTTCACTCATGAGTCCCACGTGGACTTCTATAGCAGCAGCTTGTCCAGGAGGAGATTATTGAAATG
 ATAAAGGATGAAATGTTGCAAGACATCGTGAGTGAGATCAACGCCTCTCAGCCTTTTCAATAATCTGCG
 AGGAGATAGCTGGTAGTCCGCTGAGAGACAGCTTTCCGTGTGTGTGAGGTACCCACAAAAGACGCCAAG
 TGCTGTCTTGGTTAAGGAAAGGTTCTGGGGTTTGTGACTGCCGAGGAGGTGACTGGGGTCCACGTGCAT
 GGGCGGATCAAAGCTTACCTGCAGCAGGTTGGAGTTGATTTTAAATAAAATATGTGGCCAAGCCTATGATA
 GTGCCACAAATTTTACGGTAAAATTGAATGAAGTTGTAGCAGAATTCAAGAAGGAAGAGCCAAGAGCTCT
 CTATGTGCATTGTACGCCCCATTTTGGAGTTAGCGGTGATTAGCTTCTGTAAGGAGGTGAAGGAGCTC
 CGCGAGGCACTACACACTCTCTGCTCTTTGTTCAACACAGTTCATGTGTCTGAAGAAATGTTGGCAAGTT
 TGCAAAACCATGTGAAGTAAGTCTAAATAAACTTGAAGAAACACAGTCACAGTCGTGTTGGCCAGC
 CCACGACCATTTGCTGCTGGCCGTGACGACTGCCTCCGGAGGTCGTTGAGGTGCTGGCGTCAGTGTC
 CGCCGGTGCGCAGGCACAGCTGTGGCTGCCGAGCTGGAGGACCTGTTGGCCATGGTTACCAAGTTTGAAT
 TTATATTTTGTGAAATTTCTTTATCGAGTACTCAGTATCACAGGGATTCTTTCTAGAGAGTTTCAAAG
 TGAAACTGTTGACATCTTTCTTTGTTTTCAAAAATAGAAGCAATTTTGAATGTTTATCTTCTGAAAGG
 AATGATACATACTTTAAAAATATCTGGGATGGAGCAGATGAAAAATGAAAAAGATAACCAGTAAGGGTT
 TTGATGTTGAGAAACCCTCTTTTCAAAAAAGAAGAAAGTTCAAAGAACAGTAGATCCTGGCAACTCAGA
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 GTATTAACCATTTAAAGTTATATTTTTCAGAGTTTGACTATTGTAATGAAACAAATTTTCAGAGCTGT
 TACTTAAGTGAATGAGCCATTAATGAAGCAACAGCCAAGCACATCCAGGAATTCATAAGCTTGGTGC
 AGACATCATTCCCGAGCTCCGATTTTACCGGCAGTATGCAGGTTTCAACTTCATCGCAGAGGATGGGTCC
 TTAAGCTTCATTGACCTAGGCTCTTTGTTTATTCAGCATGCTCTCCACAATAATTCCTGTATACGA
 AGCTGTTGCATATTGCTTATCTTGGCCAATTACTTCAGCAAATAATGAGAAGTCATTTTCCACGCTGTC
 TCATCTTAAACATACTTACTTCGTACCATGGGACAAGAGAACTTAGTAGCCTGGCTCTGATAGCTGTT
 GAGCAGGAAGTGGTAAATAAACTGATGGAACCTGAAAGACTGGGGGAATTGTGCAAAAGTTCATTAGTC
 AAATGAAAGATACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC064774

Insert Size: 1977 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC064774](#), [AAH64774](#)

RefSeq Size: 2425 bp

RefSeq ORF: 1976 bp

Locus ID: 68310

Cytogenetics: 4 D2.2