

Product datasheet for **MC224363**

Zmym2 (NM_029498) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym2 (NM_029498) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym2
Synonyms:	5830413P05Rik; FI; FIM; MYM; R; RAMP; S; SCLL; Zfp19; Zfp198; Znf198
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224363 representing NM_029498 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACACAAGTTCAGTGGGAACGTTAGAAGTACTGATCAAACCTCTGTCTTATTAGGAAGTACAGCCA
TGGCAACTAGTCTCACGAACGTAGGAAATTCATTTAGTGGCCACCTAATCCTTTAGTGTCTAGATCTAG
TAAGTTTCAGAAGTCTCAGTAGAAGATGATGATGACGTTGTTTTATTGAACCTGTACAACCTCCTCCA
TCTTCTGCACCTTTGGTTGCTGATCAAAGACCCATAACATTTACATCTTCAAAAAATGAAGAACTACAAG
GAAACGATCCCAAAATCTTCTTCATCGAAAGAGTTGGCCCCGAAAAGGGCAGTGTAAAGCGAGACAAT
TGTTATTGATGATGAAGAGGACATGAAACAAATCAAGGACAAGAGAAGATTCTCAAATTTTATTGAA
AGGAGACCTTCTGAAACTAAAAACAGAAGTAAATGATGTGGATTTCTCCAGTTCCTTTTTCAAGAAGTA
AAGTAAACGCAGGAGTGAGTAAACAGTGGTATTACCACAGAGCCAGACTCGGAGATTCAGATTGCTAATGT
TACAACCTTAGAAACAGGCGTAAGCTCTGTGAGTGTGGCCAGCTAGAAAGTACTGATGGGAGAGATATG
AACTTAATGATTACTCATGTACATCACTGCACAACACCAGCCTGGGAGATGGCTCCAACGGACTTCAGT
CCAGTAACTTTGGTGTGAATATACAACGTACACCCATCTCTAACGTCACAGACCAAGGCTGGAGTTGG
ACCTTTTAATCCTGGTAGGATGAATGTTGCAGGAGATGATTTTCAGAATGGAGAGTCTGCACCTCATCAC
AATCCTGATTCTTGATCTCCAGTCAGCATCATTTTCTCGTAACCAGAAACAACAAGGGGTGGATTCTT
TATCACCAGTGGCCTCACTTCTAAACAGATATTCAGCCCTCGAACCAACAACCCACTAAACAGTTAA
AGTCACTTGTGCAAACTGCAAAAAACCTCTACAGAAGGGGCAGACAGCTTACCAACGCAAAGGATCAGCT
CACCTCTTCTGTTCAACCACCTGCCTTTCTTTCTCCATAAGCCTGCTCAAAGAACTCTGTGTTA
TGTGTAAGAAAGATATAACTACAATGAAGGAACCATTTGTTGCTCAAGTGGACTCAAGTGAAGTCTTCCA
AGAATTTTGTAGTACATCTGTTTGTCTCTCTATGAGGACAAACAGAGTCTGCTAAAGGAGCTCTAAAT
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ATAAGCTGTGCAGTGACCACTGCTTTAACAGATACCGAATGGCCAATGGTCTGATAATGAATTGCTGTGA
GCAGTGGCGAGAATATTTGCCAGTAAAGGTGCTGGGAATAATGTTCTGGTGGTTGATGGTCAGCAGAAG
AGATTTTGTGTGAGTGTGTCACTGAATACAACAGGTAGGTAGCCATCCAAGTCTCTGAAGGAAG



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TTCGGGATCACATGCAGGACTCTTTCTTAATGCAGCCTGAGAAATATGGAAAACCTGACAACCTGTACTGG
 TTGCCGAACACAGTGCAGGTTTTTGTATGACTCAGTGCATAGGTCTAATGGATATATGGAGCCATAT
 TGTTCAACTGCTTGCATGAACAGTCACAAGACAAAATATGCAAAATCACAAAGTTTGGGAATTTTGGC
 ATTTTTGTAAGCGAAACTCTTACCTCAATACCAAGCCACAATGCCTGATGGAAAACCTGTATAACTTTTTG
 CAATCCAGTTGTGTGGCTAAATTTTCAGGCTCTAAGCATGCAGTCATCTCCAAATGGCCAGTTTGTAGCA
 CCCAGTGATATTCAGCTGAAATGCAACTACTGTAAAAATTCCTTTTGTTCAAAACCAGAAATCTTGAAT
 GGGAGAACAAGTGCATCAGTTCTGCAGCAAACTTGCAGTACTATAAGAAGTTGCATTGCATAGT
 TACATATTGCGAATACTGCCAAGAGGAGAAGACTCTGCATGAAACAGTAAATTTCTGGCGTTAAGAGA
 CCTTCTGTAGTGAAGGCTGCAAGCTATTATACAAACAAGATTTTGAAGACGATTAGGATTAAGATGTG
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 CTTCTGCAGTGAAGACTGCTGAAGAAATTCAGGAGTGGTACTACAAGGCTGCGAGGTGTGACTGCTGT
 AAATCCCAAGGCACTCTGAAAGAGCGAGTGCAGTGGCGTGGCGAAATGAAACATTTCTGTGATCAGCACT
 GCTTACTACGTTTCTATTGTCAGCAAAATGAGCCCAACATGACAACCTCAGAAAGGACCTGAAAACCTACA
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 AACAAAGAGATGAAGAATAAGCAATTTCTTGAACCTTTAACAATGACAAAAGCAACTTACTGTAAAGC
 CTCACATGCAGACCAAAATCTTGTGAGACAGATGAGAATTGGAAGACAGAGTATGTCCAGTGCCTATTCC
 TGTCCCTGTGATGTCCCTGTGCCTATGCACATGTACAGCCAGAATATTCTGTCCGACCACAGTTCTCT
 GTTCTGTGCCGTTCTGTGTTTCTGCCTGCTCCATTGGACAGCAGTGAGAAGATTCTGCCACAGTTG
 AGGACCTCAAAAGCAAAGTTTCTCAGATCCTCTTGATTGAGAATTGCTTACGATGACAGATATGATGAC
 TGAAGAGGAGGGGAAAGCAGAGGCATCCAACATCAATAGTGAATTATTGAGACAGACATAATTGGCTCA
 GATCTTACAAAGAACTCTGACCCAGATATACAATCCAACATGCCCGATGTACCATATGAACCAGATTTGG
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 TTTTGGAGAAGAATACGAGGAGCAGCCAGACCTCGATCTAAAAAAGGGAACCAAGAGGAAAGCTGTA
 TCAGGATACCAGTCTCATGATGATAGTTCTGACAATTCAGAATGCAGCTTTCCTTTCAAGTATACATACG
 GTGTAATGCGTGGAAACATTGGGTCAAAACTAGGCAACTTGATGAAGATCTTCTGGTATTAGATGAGCT
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 TTAGCCCATTTTGTCAATGAGATCAGACGACCAAAATGGAGAGAATTATGCACCTGACAGCATCTATTATC
 TATGCCTTGGTATACAGGAGTACTTATGTGGTAGTAATCGAAAGGACAACATATTTATTGATCCAGGATA
 CCAGATGTTTGAAGCAAGAACTGAATAAAATACTCCGAAGTTGGCAACCAAGCATACTTCCAGATGGGTCA
 ATTTTCTCTCGAGTTGAAGAAGACTATCTCTGGAGGATAAAAACAACCTAGGATCCCACTCTCCAGTAGCAC
 TTTTGAATACCCTATTCTACTTTAACACTAAGTATTTTGGCCTGAAAACAGTGGAAACAACCTTAAAGCT
 TTCTTTGGCACTGTGTTTAGGCATTGGAAAAAATCCTTTAACAATGGAAAATAAAGCATGTCTTCGC
 TATCAGGTGTCTTCTTATGTGGAACAGACAATGAAGATAAAAATTGCTACTGGAAAACGAAAACATGAAG
 ATGATGAGCCAGTATTTGAACAAGTTGAAAACACAGCCAAACCTTCTAGATGTCTGTGAAAATGTTTGA
 ATGCTACTTGTCTAAAAGTCCACAGAACCTTAATCAGAGAATGGATGTTTTTTATTTACAACCAGAAATGT
 TCTAGTTCTACAGATAGCCCTGTCTGGTACACATCTACTCCCTGGACCGGAACACCTTGGAAAATATGC
 TTGTACGGTTCTTCTAGTAAAAGATATTTATGATAAAGACAATTATGAACTGGATGAAGACACAGACTA
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_029498

Insert Size:

4131 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:	<ol style="list-style-type: none">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_029498.3 , NP_083774.2
RefSeq Size:	6876 bp
RefSeq ORF:	4131 bp
Locus ID:	76007
UniProt ID:	Q9CU65
Cytogenetics:	14 C3
Gene Summary:	This gene encodes a protein that contains nine MYM-type zinc finger motifs. Expression of this gene may mediate the inhibition of hematopoietic cell development during ontogeny, and the encoded protein may also play a role in transforming growth factor-beta signaling as a Smad binding protein. [provided by RefSeq, Feb 2011]