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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224363 representing NM_029498
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACACAAGTTCAGTGGGAACGTTAGAACTGACTGATCAAACTCCTGTCTTATTAGGAAGTACAGCCA
TGGCAACTAGTCTCACGAACGTAGGAAATTCATTTAGTGGCCCACCTAATCCTTTAGTGTCTAGATCTAG
TAAGTTTCAGAACTCATCAGTAGAAGATGATGATGACGTTGTTTTTATTGAACCTGTACAACCTCCTCCA
TCTTCTGCACCTTTGGTTGCTGATCAAAGACCCATAACATTTACATCTTCAAAAAATGAAGAACTACAAG
GAAACGATCCCAAAATTCTTCCTTCATCGAAAGAGTTGGCCCCGCAAAAGGGCAGTGTAAGCGAGACAAT
TGTTATTGATGATGAAGAGGACATGGAAACAAATCAAGGACAAGAGAAGAGTTCCTCAAATTTTATTGAA
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AAGTAAACGCAGGAGTGAGTAACAGTGGTATTACCACAGAGCCAGACTCGGAGATTCAGATTGCTAATGT
TACAACCTTAGAAACAGGCGTAAGCTCTGTGAGTGATGGCCAGCTAGAAAGTACTGATGGGAGAGATATG
AACTTAATGATTACTCATGTCACATCACTGCACAACACCAGCCTGGGAGATGGCTCCAACGGACTTCAGT
CCAGTAACTTTGGTGTGAATATACAAACGTACACCCCATCTCTAACGTCACAGACCAAGGCTGGAGTTGG
ACCTTTTAATCCTGGTAGGATGAATGTTGCAGGAGATGTATTTCAGAATGGAGAGTCTGCACCTCATCAC
AATCCTGATTCTTGGATCTCCCAGTCAGCATCATTTCCTCGTAACCAGAAACAACAAGGGGTGGATTCTT
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ATAAGCTGTGCAGTGACCACTGCTTTAACAGATACCGAATGGCCAATGGTCTGATAATGAATTGCTGTGA
GCAGTGCGGAGAATATTTGCCCAGTAAAGGTGCTGGGAATAATGTTCTGGTGGTTGATGGTCAGCAGAAG
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AGATTTTGTTGTCAGAGTTGTGTCACTGAATACAAACAGGTAGGTAGCCATCCAAGCTTCCTGAAGGAAG
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CTCACATGCAGACCAAATCTTGTCAGACAGATGAGAATTGGAAGACAGAGTATGTCCCAGTGCCTATTCC
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GATCTTACAAAGAACTCTGACCCAGATATACAATCCAACATGCCCGATGTACCATATGAACCAGATTTGG
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CCAGATGTTTGAGCAAGAACTGAATAAAATACTCCGAAGTTGGCAACCAAGCATACTTCCAGATGGGTCA
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TTTTGAATACCCTATTCTACTTTAACACTAAGTATTTTGGCCTGAAAACAGTGGAACAACACTTAAGACT
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ATGATGAGCCAGTATTTGAACAAGTTGAAAACACAGCCAACCCTTCTAGATGTCCTGTGAAAATGTTTGA
ATGCTACTTGTCTAAAAGTCCACAGAACCTTAATCAGAGAATGGATGTTTTTTATTTACAACCAGAATGT
TCTAGTTCTACAGATAGCCCTGTCTGGTACACATCTACTTCCCTGGACCGGAACACCTTGGAAAATATGC
TTGTACGGGTTCTTCTAGTAAAAGATATTTATGATAAAGACAATTATGAACTGGATGAAGACACAGACTA
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).

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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_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]

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