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Product datasheet for MC224131

Zmym3 (NM_001177985) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym3 (NM_001177985) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym3
Synonyms:	9030216B10Rik; AW122925; DXS6673El; Zfp261
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224131 representing NM_001177985 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGACCCCAGTGATTTCCCCAGTCCATTTGACCCATTGACCCTGCCAGAGAAGCCCCTGGCTGGAGACC TTCCAGTAGACATGGAATTTGGAGAGGATCTGCTGGAATCTCAGACTGCCCCAAGTCGAGGATGGGCTCC CCCAGGTCCGTCTCCATCCTCTGGAGCCCTGGACCTGCTTGATACCCCTTCTGGCCTGGAGAAGGACCCT GGAGGAGTTCTGGATGGAGCCACTGAGCTACTGGGGCTGGGGGGGCTACTCTATAAAGCCCCTTCTCCCC CAGAGGTGGACCATGGTCCTGAGGGAACCCTTGCATGGGATTCGGGGGAGCAGACCCTAGAGCCTGGACC AGGGTGTCAAACCCCTGAGGTGATGCCACCTGATCCAGGGGCTGGGGCTAGTCCCCCTTCACCTGAGGGG CTACTAGAACCTTTGGCTCCAGATTCTCCAATAATCCTGGAGTCTCCTCATATTGAAGAGGAGATACCCC CCTTAGCTACAAGGAGAAGGGGCTCCCCTGGGCAGGAGGAGGAGCATACCCAAGGGCAGCCACAGAGCCC CAATGCACCCCCTAGCCCTTCAGTGGGAGAGACTCTGGGGGATGGCATCAACAGTTCTCAGAGCAAACCT GGGGTATGTACCCCTACTGCACATCCTTCGTTGCCAGGAGATGGCCTGACTGGGAAGGAGATTGAGAAGC CGCCTGAGAGGGTACAGAAGAGAAGCGAGCGCGTTAGAAGAGCAGAACCTCCAAAGCCTGAGGTTGTGGA CTCCACTGAGAGCATTCCAGTGTCAGATGAGGATTCTGATGCCATGGTAGATGACCCCAATGATGAGGAC TTTGTGCCATTCCGGCCCCGGCGCTCTCCTCGCATGTCCCTGCGCTCAAGTATGGCACAAAGGGCTGGGC GCTCTTCAATGGGCACCAAGATGTCTTGTGCACATTGCCGGACACCACTGCAGAAGGGGCAGACGGCCTA TCAGCGCAAGGGGTTGCCTCAGCTCTTCTGTTCTTCATCTTGTCTCACTACTTACTCCAAGAAGCCCTTG GGCAGAAAGACCTGTACCTTCTGCAAGAAGGAGATCTGGAACACCAAGGACTCAGTTGTGGTACAGACTG GTCCAGGAGGCTCCTTCCATGAGTTCTGCACATCTGTCTGTCTCTCTCTCTATGAGGCCCAGCAGCAGCG TCCAATCCCCCAGTCTGGGGATCCTGCCGATGCCACTCGCTGCAGCATATGCCAGAAGACTGGAGAGGTT CTTCATGAGGTCAGCAATGGCAGCGTGGTACACCGACTCTGCAGCGATTCTTGCTTCTCCAAATTCCGAG CCAACAAGGGACTGAAAACCAACTGTTGTGACCAGTGTGGGGCTTACATCTATGCCAGGCCTGGGGGCCT TGGCCCAGAGCTCCTGTTTCATGATGGTCAACAAAAGCGGTTTTGCAACACAACGTGCTTGGGGGCATAC AAGAAGAAAAACACACGTGTGTACCCATGTGTCTGGTGCAAGACCCTGTGTAAGAACTTTGAGATGCTAT

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CACATGTGGATCGTAATGGCAAGACCAGCTTGTTCTGTTCCCTGTGCTGTACCACTTCTTACAAAGTGAA
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AATGTCCTGAAAGCCTCCGAACTCGAAATGATGTGTTCTATCTGCAACCTGAGCGCTCCTGCATTGCCGA
ATCACCTCTCTGGTATTCTGTGATTCCCATGGACCGAAGCATGTTGGAGAGCATGCTCAATCGCATTTTA
GCTGTGCGTGAGATTTATGAGGAACTTGGTCGTCCTGGGGAAGAAGACCTAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177985

Insert Size: 3837 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.
RefSeq:	NM_001177985.1, NP_001171456.1
RefSeq Size:	5294 bp
RefSeq ORF:	3837 bp
Locus ID:	56364
Cytogenetics:	X 44.1 cM
Gene Summary:	Plays a role in the regulation of cell morphology and cytoskeletal organization. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and lacks alternate in-frame exon in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.