

Product datasheet for **MC210044**

Zmym3 (NM_001177988) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zmym3 (NM_001177988) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zmym3
Synonyms: 9030216B10Rik; AW122925; DXS6673Ei; Zfp261
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210044 representing NM_001177988
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACCCAGTGATTTCCCGAGTCCATTTGACCCATTGACCCTGCCAGAGAAGCCCTGGCTGGAGACC
TTCCAGTAGACATGGAATTTGGAGAGGATCTGCTGGAATCTCAGACTGCCCAAGTCGAGGATGGGCTCC
CCCAGGTCGGTCTCCATCCTCTGGAGCCCTGGACCTGCTTGATACCCCTTCTGGCCTGGAGAAGGACCCT
GGAGGAGTTCTGGATGGAGCCACTGAGCTACTGGGGCTGGGGGGCTACTCTATAAAGCCCTTCTCCCC
CAGAGGTGGACCATGGTCTGAGGGAACCTTGCATGGGATTCGGGGGAGCAGACCCTAGAGCCTGGACC
AGGGTGTCAAACCCCTGAGGTGATGCCACCTGATCCAGGGGCTGGGGCTAGTCCCCTTACCTGAGGGG
CTACTAGAACCTTTGGCTCCAGATTCTCCAATAATCCTGGAGTCTCCTCATATTGAAGAGGAGATACCCC
CCTTAGCTACAAGGAGAAGGGGCTCCCCGGGCAGGAGGAGGAGCATACCCAAGGCAGCCACAGAGCCC
CAATGCACCCCTAGCCCTTCACTGGGAGAGACTCTGGGGATGGCATCAACAGTTCTCAGAGCAAACCT
GGGTATGTACCCTACTGCACATCCTTCGTTGCCAGGAGATGGCCTGACTGGGAAGGAGATTGAGAAGC
CGCCTGAGAGGGTACAGAAGAGAAGCGAGCGGTTAGAAGAGCAGAACCCTCAAAGCCTGAGGTTGTGGA
CTCCACTGAGAGCAGGAGATCTGGAACACCAAGGACTCAGTTGTGGTACAGACTGGTCCAGGAGGCTCCT
TCCATGAGTTCTGCACATCTGTCTGTCTCTCTATAGAGGCCAGCAGCAGCGTCCAATCCCCAGTC
TGGGGATCCTGCCGATGCCACTCGCTGCAGCATATGCCAGAAGACTGGAGAGGTTCTTCATGAGGTCAGC
AATGGCAGCGTGGTACACCGACTCTGCAGCGATTCTTGCTTCTCAAATTCGAGCCAACAAGGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177988



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Insert Size:	1050 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:	<u>NM_001177988.1</u> , <u>NP_001171459.1</u>
RefSeq Size:	1516 bp
RefSeq ORF:	1050 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 (5) lacks an alternate in-frame exon in the 5' coding region and differs in the 3' coding region and UTR compared to variant 1. The resulting protein (isoform 5) is shorter and has a distinct C-terminus compared to isoform 1.