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Product datasheet for MC224675

Zmym4 (NM_001114399) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym4 (NM_001114399) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym4
Synonyms:	6330503C17Rik; AI480785; AW493829; CDIR; D630001M21; mKIAA0425; MYM; Zfp262; Znf262
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224675 representing NM_001114399 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCGGAGCGGGAGGTGGAGACCGGCCCCCGAAAGAGGTTTGAACAGAAAAGTGATGCAGTTTTTGATG AAATTGTAGAAAACTGTGGTGTCATGGATACAGAAATGTCTGAAGATACAGACCACAACTTAACTCCCAC CCTTGCCAGCATGTCTTATGGAATGCCGAATCAAACAGGATCTGAAAATTCATTGCTGGATGAAGATGAT TATTTTTTGAACTCTGGGGATCTTGCAGGAATTCCAGTCGTTAGTAGTGACAATGAGGATGAACAGGATT GTAGTTCAAAGGACAACCTTGTTTCTTCAGTTCACACTGATGGTAGTTTGGAAGTAGAGAGAAGAGCTGC TCATCAGGAATCAGACAATGAAAATGAAATACAAATTCAAAATCAGTTAAAAAAAGACTTTCCTAAACAG TTTGATCAGGTTTCTGTCTTTAAATCAATACGAAAAGATTTTTGTTTAGTGAGAGAAAACAGCAAAGAGA CATTTTCTGGAAAGGAGAAAAATAGAGACCTAACTTATCATGAACGTGAAAAACGGTTGGATAAACCCCA TAAAGGTTTGGATTCAAGGTTGAAAAGCAGTTTTTTTGATAAAGCAGCTAATCAAGTTGAAGAAACATTA CATACTCATTTACCACAAAACCCAGAAACAAACTTTAGGGACTCCAGCTACCCATTTGCCAGTAAAGAAT CCATTGGTTCGGAACTGGGGAATTCGTTTGCATCAAATATTAGAATTAAAGAAGAACCTTTGGATGATGA GTATGACAGAGCAGTGGCGCCTCAGCAGGGACTACTAGACAGAGTTAAAGACGAACCTGACAATGCTCAA GAGTATAGTCATGGCCAACAGCAAAAAACTCAAGAGGGGGAACTGAAAATTAGTGCTGTGTTTTCAGTCA GTGGCAGTCCTCTTGCTCCACAGTTGACTACTGGCTTTCAGCCTTCTCTGGCATCACCTGGCATGAATAA AATGCTTCCTTCAGTTCCAGCCACAGCTGTTCGAGTTTCTTGCTCTGGTTGTAAAAAAATCCTCCAGAAG GGGCAGACTGCTTATCAGAGGAAAGGGTCTACTCAGCTTTTCTGCTCTACCCTGTGCCTCACGGGATACA CAGTTCCACCTGCCCGCCCACCGCCTCCCCTCACCAAGAAGACTTGTTCAAGTTGCTCAAAAGACATTTT AAATCCAAAGGATGTGATCAGTGCCCAGTTTGAAAATAGTACCACCAGTAAGGATTTTTGCAGTCAATCA TGCTTGTCAACATATGAACTGAAAAAAAAGCCCATTGTTACCATAAACACAAATAGCATTTCAACCAAAT GCAGCATGTGCCAGAAGAACGCTGTCATTCGACATGAAGTTAATTACCAGAACGTGGTTCATAAGCTCTG CAGTGATGCCTGTTTTTCGAAGTTTCGCTCTGCTAACAACCTCACTATGAACTGTTGTGAGAACTGTGGG GGTTACTGTTATAGTGGCTCTGGACAGTGCCATGTGCTGCAAATTGAGGGGCAGTCTAAGAAGTTTTGTA

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GAAGACTCTGATGCTGAATTATCAGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001114399

Insert Size:	4650 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_001114399.1, NP_001107871.1
RefSeq Size:	7022 bp
RefSeq ORF:	4650 bp
Locus ID:	67785
UniProt ID:	A2A791
Cytogenetics:	4 D2.2
Gene Summary:	Plays a role in the regulation of cell morphology and cytoskeletal organization. [UniProtKB/Swiss-Prot Function]