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Product datasheet for MC229516

Zmym6 (NM_001285885) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym6 (NM_001285885) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zmym6
Synonyms:	9330177P20Rik; AI593204; AI661340; D4Wsu24e; Zfp258
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229516 representing NM_001285885 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAAAGAACCTTTGGATGGTGGATGTGACAAAGCAATGGCACAACAAGGGCTTCTGGACAGAATTAAAG AAGAACCTGATGATGCTCATGAATATGGACCTCAAGAAAGTGAACTAAAAATCAGTGCCGTGTTTTCAGC CGGTGACACTTCTCTCGGCTTTCAGGTTGGTCTACCGTCATCCGGCCCGAGTACATCATTTCCTGCAGTT CCAGCTGCTCAAGTGTTTTGTTTTGGTTGTAAAAAACTGCTTCTTAAGGGACAACCTACCTACCGGAAGG CCGGATTTGCCCAGCTTTACTGCTCCATGGGATGCATCATCAGATTCTCCTCCGCAGTCTGCGTGCCACC TCTTCCCAAGAGAACCTGTGCACATTGCTCCAAAGACATTTTAAATCCGATGGATGTGATCACAACTCAG TTTGAAAATTCCTCTCTCTGCAAAGATTTCTGCAGCCAGTCATGCCTATTTTCTTATGAGCTAAAGAAGC CTGTTGTTACCATATATACCAGTGGCATTTCAGCAAAGTGCAGTATGTGTCAGAAGGGCACTGATAATTT GGCCCCGAAGCCACTCTATGCCTTGGGGAATTCATCGAGGCTGTCTGCTGAAATGATTGAGACTACAAAT GACTCAGGAAGAACAGAGCTTTTTTGCTCTATTAACTGCTTATCTGCGTACAGAATTAAGACTGTTATTT CTTCAGGTATACAGGTTGTGTGTCATAGTTGTAAAACTGCAGCAGTCCCTCAGTATCACCTAGCAATGTC AAATGGAACTATTTGCAGTTTCTGTAGCTCCAACTGTGTGCTGGCTTTCCAGAATGTATTTAACAAGCCA AAGGGAAGAAACTCTTCATTGGCACCCATATCTCAGGGCCAAGAGGTGAGGAGCACACCTGTGCAGTCTG CAGTGTTAGCAAGAAAAGATGCCCCTGCCTCTTCCTTCAGTAGCCCCATCAGCAACCCTGCTGCAACAGC CCTGGAGACTCTTGCTAAACAGTCCCACCAGATTGCTTTGACCCATTTATTCTTGAAACTCACGTGCCTG CAGTGTAGTCTTCTGTTTGCCACAAAGCCAGAGCTGCTTTTCTACAAGGGTAGGATGTTTATGTTTTGCA GCAAGGCTTGCTGTGATGAATACAAAAGGCAGAATAAAGTTAAGGCCTTGTGCGACTACTGTAAGCTACA GAAGACCATAGAGGACACGGTGCGGTTCTCAGGGATTGACAAGCCGTTCTGTAGTGAAGTTTGCAAGGTC CTCTCGGCTCGAGACTTTGGGGAAAGATGGGGAAGCTACTGTAAGACGTGCAGTTACTGTTTACAGACGT CTGCAAATTTTGTGGAAAACCAACTGGAAGGCAAGCTCCAGGTTTTTTGCTGTGAAGATTGCATGTCTAA GTTTACAGCTCTGTTGCATCAGACAGCCAGGTGTGATGGTTGTAAACGGCAGGGTAAGCTAAGTGAGTCC TTGAAATGGAGAGGCAACATCAAATACTTCTGTAACCTGTTCTGTGTCTTGCAGTTTTGCCATCAGTATA

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GTGTGAATGACCCAATTCCACAAAGAAAAGTATTTGTGCTCCCAAAGCCAGCACAGGTAATTATTCCTAA
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CCACTTACCACAGTAACAATCTCACTGACTCCGAGGAAGAGAAACTCGCCGTGTTATCTGCCGATACGGG
ATTTCAGTCAGTTCACAAGTCAATGTCTGTCACACAGTTTTGGGTCAATGCAAAGACAAGTTATCCCAAG
CTCCATGAAAAGGCATTGAAGCTGCTGCTGCCCTTCTCAAGCACCTGTCTGTGCGATGCCACCTTTTCAG
CCTTGACTGCATCCAAACAGAGAGACCTTCGGACTTGCGGTCCCACCCTAAGACTGGCAGTCACATCATT
AGTTCCAAGGATAGAAAAGTTAGCAAAGGAGAAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001285885

Insert Size: 3750 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001285885.1, NP_001272814.1
RefSeq Size:	5036 bp
RefSeq ORF:	3750 bp
Locus ID:	100177
Cytogenetics:	4 61.25 cM