

Product datasheet for RN202905

Zmym6 (NM_001108681) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym6 (NM_001108681) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zmym6
Synonyms:	RGD1561833
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202905 representing NM_001108681 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGAACCTTTGGATGGGGATGCGACAAAGCAATGGCACACAAGGGCTTCTGGACAGAATTAAG
AAGAACCTGATGATGCTCATGAATATGGACCTCAGGAAAGTGAATAAAAATCAGTGCTGTGTTTTTCAGC
CAGTGACACTTCTTGGTTTTTCAGGTTGGTCTACCATCCCCTGGCCTGAGTGCATCATTTCTGCAGTT
CCAGCTGCTCAAGTGTTTTGTTTTGGTTGTAACAACCTGCTTCGTAAGGGGCAGCCTACGTACCGTAAGG
CAGGGTCTGCCAGCTTCTGTTCATGGGATGTGCATCACGTTCTCCTCAGCGGTCTGCGTGCCTCC
TCTTCCAAGAGAACCTGCGCACACTGCTCCAAAGACATTTTAAATCCGATGGATGTGATCACAACCTCAA
TTTGAAAATTCCTCTCTCTGCAAAGAGTTCTGCAGCCAGTCATGCCTATTTTCTTATGAGCTAAAGAAGC
CTGTTGTTACCATATATAACAGTGGCATTCTGCTAAGTGCAGTATGTGTGAGAAGGGCACTGATAATCT
GGCCCCGAAGCCACTCTATGCCTTGGGGAATTCATCGAGGCTGTCTGCTGAAATGATCGAGACTACCAAT
GACTCAGGAAGAAGAGAGCTTTTCTGCTCTATTAAGTGCCTATCTGCTTACAGAATTAAGACTGTTATTT
CTTCAGGTATACAGGTTTTGTGTCATAGTTGTAAGTGCAGCAGTCCCTCAGTACCACCTAGCAATGTC
AAATGGAACGATTTGCAGCTTCTGTAGCTCCAATCTCAAGGCCAAGAAGTGTGAGCGCACCCATGCAGTCTG
AAGGGAAGGAACCTTTCATTGGCACCCATCTCAAGGCCAAGAAGTGTGAGCGCACCCATGCAGTCTG
CAGTGTGTCAGCACGAAAAGAAGCCCCCGCCCTTCTTCAGCAGCCCCATCAGCAACCCTGCTGAGCCGC
TCTGGAGACCTTGC AAGGAGTCCCACAGATCGCTTTGACCCTTTCCTTCTTGAAGTACAGTGCCTG
CAGTGCAGCCTTCTGTTTGCACAAAGCCAGAGCTGCTTTTCTACAAGGGTAGAATGTTTATGTTTTGTG
GCAAGGCTTGCTGTGATGAATACAAAAGGCAAAAATAAAGTTAAGGCTTGTGCGACTACTGTAAGCTACA
GAAGACCATAGAGGATACTGTGCGATTCTCAGGGGTTGACAAGCCTTCTGTAGTGAAGTTTGAAGGTC
CTCTCCGCTCGAGACTTTGGGAAAGATGGGAAACTACTGTAAGACGTGCAGTTACTGTTTACAGACGT
CTGCAAAATTTGTGAAAATCAACTGGAAGGCAAGCTCCAGGTTTTCTGCTGTGAAGATTGCATGTCTAA
GTTTACAGCTTTGTTATATCAGACAGCCAGGTGTGATGCCTGTAACGGCAGGGTAAGCTAAGCGAATCC



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TTGAAGTGGAGAGGCAACATCAAATACTTCTGTAACTGTTTTGTGTCTTGAAGTTTTGCCATCAGTATA
 GTGCGAATGACCCAATCCACAAAGAAAAGTGTGTGCTCCCAAAGCCAGCACAGGTAATTATTCCTAA
 GGTACAAACTGCTATGACGGCACTCCCTTCTCCAAAGATAGCTACAACACCGTTATAACCAAGTGTGACA
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 CCCCAGCTTCTGAAGAACAAGGCATACTGTGTAAAGCCAGTTACACAGACCAAGGCCACCTCATGCAGA
 CCACACACCCACCATGTTGCATGCCAGACAGACTCACCTCTGCCAGATGGGAAAAATGAAGAATATGATT
 CTCACCTGCAAAGAGAAGAAGTAGACTTTTTCCACACTTGCAATGCAGACTATATCAAATTTGGTTT
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 CAATAGACTTTTTGAGGAAAAATCACTTGAAATGGAATGTCAAAACAGTTCTTTAAAAAAGTGTTTACT
 AGTTGAAGAGTCACTTGTGAAAGCTTCTATTTAATTGCTTTCCAAATGCTGCCAGGAATAAGCCATTC
 TCAATTGCTGAAGAATTAATTAACCATATTTAGTAGAAATGTGTTGAGAAGTTTGGGTCAAGTGCTG
 GAGACAAAATGAAAACCATCCCTCTTTCTAATAGCACAATGGGTGCAGGATCAAGAAACTGTCTGAAGA
 CATTGAAGACCAGCTGCTGCAGAAGTCCGGGAGTCCAGGTGGTTGCCCTGCAGGTGGATGAGTCATCC
 GAGGTCACAGATGTGCCGTTCTCTCTGCTATGTCCGCTTCGTGACTATGACTGTGGAGATGTGAAAG
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 ATATATTGATAGTAGGTCTCTGCATTGGAACATTGTGTTGGTTTCTGTACTGACGGGGCTGCAAGCCTG
 ACTGACGAGTGTCTCACTTAAGGTCAAAAATCAAGAAATGCCAAGAATACGGTGACATTTACACATT
 GTTTCATTACCGTGAACACTTAGCAGCCGAAAACTATCTCCATGCTTACATGAGATTTCTTTGCAGTT
 GTCACAGATTTAAGCTTTGTAAGAACAGTGCCTCGGATTCACGAATGTTGACAATTTGTGTGAAGAG
 GTGGGATCTGGGCATGTGAGTTTACCCTTAGTGCTGAAGTGCCTGGCTGGCGAGAGGAAGAATTTTAA
 CAAGACTGTTGAACTGAGACATGAAATGAAATATTTTTAAACCAAAAGCATTGAGATTTGGCCAGGTA
 TTTCCATGATGAAGAATGGGTTGCAAAGCTAGCCTACTTAGCAGATATATTTTCGCTTATAAATAAATTA
 AATTCAAGTCTCCAAGGAATATGACCCTTTTTTTCAGTTTGTATAATAAAGTTGAAATATTTAAGAAAA
 GGCTAAAAATGTGGTTGAAGCGTGCACAAGAGAATGATTATGATATGTTCCCTCTATTTTCTGAGTTCTT
 GGACTCATCAGATGTAAGCGTGAGAAACATTGCTAGCATTATTTGTGAGCACCTGGAAGGACTTTCTCAG
 GTATTCCATGATTGTTATCCACCAGAAAAGGACTTGCCTTCAAGGAAATCTGTGGCTCCTGAATCCTTTCCG
 CCAGTTACCAGGATAACAATCTGACTGACTCGGAGGAAGAAAACCTTGCAGCGTTATCTTCAGATACGAG
 ATTCCAATCAGTTCATAAATCAATGTCTGTACGCAGTTTTGGGTCAATGCAAAAACAAGTTATCCCGAG
 CTCATGAAAAGGCAATGAAATGCTCCTGCCCTTCTCAAGCACCTGTCTGTGCGATGCTGCCTTCTCGG
 CCTTGACTGCCTCAAACAGAGAGACCTGCGGACTTACAGTCCCTCCCTAAGATTGGCAGTCACGTCATT
 AGTTCCAAGGATAGACAAGTTAGCAAAGGAGAAAGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001108681

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).

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_001108681.2](#), [NP_001102151.1](#)

RefSeq Size: 4134 bp

RefSeq ORF: 3750 bp

Locus ID: 362602

Cytogenetics: 5q36