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Product datasheet for RN204832

Zmym4 (NM_001107982) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmym4 (NM_001107982) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zmym4
Synonyms:	Zfp262
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204832 representing NM_001107982 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGAGCGGGAGGTGGAGACCGGCCCCCGAAAGAGGTTTGAACAGAAAAGTGATGCAGTTTTTGATG
AAATTGTAGAAAACTGTGGTGTCATGGATACAGAAATGTCTGAAGACACAGACCACAACTTAACTCCCAC
CCTTGCCAGCATGTCTTATGGAATGCCGAGTCAAACAGGATCTGAAAATTCATTGCTGGATGAAGATGAT
TATTTTTTGAACTCTGGGGATCTTGCAGGAATTCCAGTCGTTAGTAGTGACAATGAGGATGAACAGGATT
TTAGTTCAAAGGACAATCTTGTTTCTTCAGCTCATACTGATGGTAGTTTGGAGATAGAGAGAAGAGCTTC
TCATCATGAATCAGACAATGAAAATGAAATACAAATTCAAAGTCAATTAAAAAAAGACTTTCCTAAACAG
TTTGATCAGGTTTCTGTCTTTAAATCAATACGAAAAGATTTTTGTTTAGTGAGAGAAAACAGCAAAGAGA
CATTTTCTGGAAAGGAGAAAAATAGAGACCTAACTTATCATGAACGCGAAAAACGATTGGATAAACCCCA
TAAAGGTTTGGATTCAAGGTTGAAAAGCAGTTTTTTTGATAAAGCAGCTAATCAAGTTGAAGAAACATTA
CATACTCATTTACCACAAAACCCAGAAACAAACTTTAGGGACTCCAGCTACCCATTTGCCAATAAAGAAT
CCATTGGTTCGGAACTGGGGAATTCGTTTGCATCAAATATTAGAATTAAAGAAGAACCTTTGGATGATGA
GTATGACAAAGCAGTGGCGCCTCAGCAGGGACTACTAGACAGAGTTGAAGACGAACCTGACAATGCTCAA
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AATGCTTCCTGCAGTTCCAGCCACAGCTATTCGAGTTTCCTGCTCTGGTTGTAAAAAAATCCTCCAGAAG
GGACAGACGGCTTATCAGAGGAAAGGGTCAACTCAGCTTTTCTGCTCCACCCTGTGCCTCACGGGATACA
CAGTGCCACCTGCCCGCCCACCGCCGCCTCTCACCAAGAAGACTTGTTCCAGTTGCTCAAAAGACATTTT
AAATCCAAAGGATGTGATCAGTGCCCAATTTGAAAATAGCACCACCAGTAAGGATTTTTGCAGTCAGTCA
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GCAGCATGTGTCAGAAGAACGCTGTTATTCGACATGAAGTTAATTACCAGAACGTGGTTCATAAGCTCTG
CAGTGATGCCTGTTTCTCTAAGTTCCGCTCTGCTAACAACCTCACTATGAACTGTTGTGAGAACTGTGGG

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GGTTACTGCTATAGTGGCTCTGGACAGTGCCATGTGCTTCAGATTGAGGGACAGTCTAAGAAGTTTTGTA
GTTCAATGTGTGTCACCTCATACAAGCAGAAATCAGCCAAAATAACACCATGTGCGCTTTGCAAATCATT
GAGATCCTCAGCAGAAATGATTGAGAATACCAATAGCTTGGGGAAGACAGAGCTTTTCTGTTCTGTTAAT
TGCTTATCTGCTTACAGAGTTAAAATGGTTACTTCTGCAGGTGTCCAAGTTCAGTGTAACAGTTGTAAAA
CCTCAGCAATCCCTCAGTACCATCTAGCCATGTCAGACGGGAGCATACGCAACTTCTGCAGCTACAGTTG
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GGCCAGGTGATCGTGAGCATCCCCACTGGTTCATCAGCATCCGCAGGGGGAGGGAGTACCCCAGCTGCCT
CCCCCACCTCTGTCCACAGCTCCTCTGCGGCTGCTGGGCTCCAGAGGCTGGCTGCCCAGTCCCAGCATGT
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CTTCTTGACTACAAGGGTAAAATGTTTCAGTTCTGTGGCAAGAATTGTTCTGATGAATATAAGAAAATCA
ATAATGTAATGGCAATGTGTGAATACTGTAAAATTGAGAAAATTATAAAGGAGACTGTGAGGTTCTCAGG
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CAAGTATTTCCATGGTTCAAGCTGCTTCTGCGGGCCCCCCGTCCCTCAGAAAGGACTCGACTCCCGTTAT
TGCTAATGTGGTCTCTCTAGCAAGTGCTCCTGCTGCACAGCCCACAGCAAACGCTAACAGCGTCTTACAA
GGTGCAGTTCCAACAGTAACAGCGAAAATCATCGGGGATGCAAGTACTCAAACAGATGCCCTGAAACTTC
CACCTTCCCAGCCTCCAAGGCTTTTGAAGAACAAAGCTTTATTGTGCAAACCCATCACACAGACTAAAGC
CACCTCATGCAAACCACATACTCAAAACAAAGAATGCCAGACAGACACTCCAAGTGAGCCCCAGGTTATG
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CCTTTGGGATTCCAGTTCCCATGCCTGTTCCCATGTTTATTCCATCCTCTATGAACAATGAAGAGAAAGC
CTCTGAGGGCATTGAAGACATTAAAGAGAAACTTGCCACACATCCATTTGAGGCAGATCTCCTTGAGATG
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CGAGGCAGTATCAACCCCACATAGCTGGGAAGAAGAACTGAATCATTACGCCTTAAAGTCGAATGCTGTG
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CATCAGAATCTTTTGACCCACTTAATAAAGGACAGGGAATCCAGGCGCGTTCTCGAACAAGACGAAGACA
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CTTATCCAAGGAGCCCTGCAAGGCTGTTCTGTGTCTGGGATGACACTGAAGTATATGTATGGGGTAAATG
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TCAGAGCAAGGCTGTAAAGTCCGCTCTATGAAACTGAAGGAAGATATTCTGTCCTGCACTTTTTCTGAGC
TGAGTCTGGGCTTATGCCAGTTTATCCAAGAGGTGCGGAGACCCAATGGTGAAAAGTATGACCCAGACAG
CATCTTATACCTGTGCCTTGGAATTCAGCAGTACCTGTTTGAAAATGGTAGAATAGATAACATTTTTACG
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ATGGTTACATGTTCTCCCGCATCGAAGAAGAGCACCTGTGGGAGTGTAAGCAGCTGGGTGCCTACTCGCC
CATTGTCCTGTTGAACACCCTCCTGTTTTTCAATACCAAATACTTCCAACTGAAGAATGTCACCGAGCAC
TTGAAGCTCTCCTTTGCCCACGTGATGAGGCGGACCAGGACTCTGAAGTACAGTACCAAGATGACGTACC
TGAGGTTCTTCCCGCCGCCGCCACAGAAGCAAGAGTCGGAGCCAGATAAACTAACTATTGGCAAGAGGAA
ACGAAATGAAGATGAGGAGGCTCCAGTGGGTGTGGAGATGGCAGAGAACACGGACAATCCACTGAGGTGC
CCTGTCCGGCTTTACGAGTTTTACCTGTCTAAATGCTCTGAGAGTGTGAAGCAGAGGACCGACGTGTTCT
ACCTTCAGCCCGAGCGCTCGTGCGTTCCTAACAGTCCCATGTGGTACTCCACGTTCCCCATAGACCCTGG
GACCCTGGACACCATGTTGACGCGCATTCTCATGGTGAGGGAGGTACATGAAGAACTTGCCAAAGCCAAG
TCTGAAGACTCTGACGTGGAATTATCAGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107982

Insert Size:	4653 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_001107982.1, NP_001101452.1
RefSeq Size:	7274 bp
RefSeq ORF:	4653 bp
Locus ID:	313598
Cytogenetics:	5q36