

Product datasheet for MR220823

Zmym3 (NM_001177988) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Zmym3 (NM_001177988) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Zmym3
 Synonyms: 9030216B10Rik; AW122925; DXS6673Ei; Zfp261
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR220823 representing NM_001177988
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACCCAGTGATTTCCCGAGTCCATTTGACCCATTGACCCTGCCAGAGAAGCCCTGGCTGGAGACC
 TTCCAGTAGACATGGAATTTGGAGAGGATCTGCTGGAATCTCAGACTGCCCAAGTCGAGGATGGGCTCC
 CCCAGGTCGGTCTCCATCTCTGGAGCCCTGGACCTGCTTGATACCCCTTCTGGCCTGGAGAAGGACCCCT
 GGAGGAGTTCTGGATGGAGCCACTGAGCTACTGGGGCTGGGGGGCTACTCTATAAAGCCCTTCTCCCC
 CAGAGGTGGACCATGGTCTGAGGGAACCTTGCATGGGATTCGGGGGAGCAGACCCTAGAGCCTGGACC
 AGGGTGTCAAACCCCTGAGGTGATGCCACCTGATCCAGGGGCTGGGGCTAGTCCCCTTACCTGAGGGG
 CTACTAGAACCTTTGGCTCCAGATTCTCCAATAATCCTGGAGTCTCCTCATATTGAAGAGGAGATACCCC
 CCTTAGCTACAAGGAGAAGGGGCTCCCCGGGCAGGAGGAGGAGCATACCCAAGGCAGCCACAGAGCCC
 CAATGCACCCCTAGCCCTTCACTGGGAGAGACTCTGGGGGATGGCATCAACAGTTCTCAGAGCAAACCT
 GGGGTATGTACCCTACTGCACATCCTTCGTTGCCAGGAGATGGCCTGACTGGGAAGGAGATTGAGAAGC
 CGCCTGAGAGGGTACAGAAGAGAAGCGAGCGGTTAGAAGAGCAGAACCCTCAAAGCCTGAGGTTGTGGA
 CTCCACTGAGAGCAGGAGATCTGGAACACCAAGGACTCAGTTGTGGTACAGACTGGTCCAGGAGGCTCCT
 TCCATGAGTTCTGCACATCTGTCTGTCTCTCTCTATGAGGCCAGCAGCAGCGTCCAATCCCCAGTC
 TGGGGATCCTGCCGATGCCACTCGCTGCAGCATATGCCAGAAGACTGGAGAGGTTCTTATGAGGTCAGC
 AATGGCAGCGTGGTACACCGACTCTGCAGCGATTCTTGCTTCTCAAATTCGAGCCAACAAGGGAC

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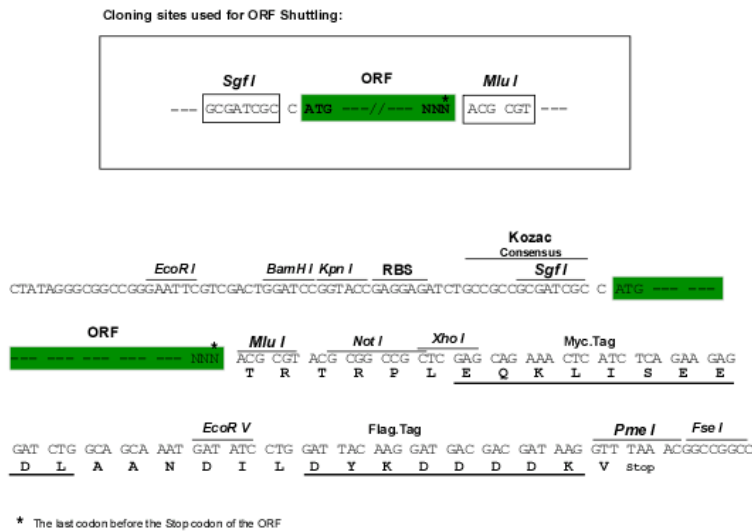
Protein Sequence: >MR220823 representing NM_001177988
 Red=Cloning site Green=Tags(s)

MDPSDFPSPFDPLTLPEKPLAGDLPVDMEFGEDLLESQTAPSRGWAPPSPSSGALDLLDTPSGLEKDP
 GGVLGDGATELLGLGGLLYKAPSPPEVDHGPEGLAWDSGEQTLEPGPGCQTPEVMPPDPGAGASPPSPEG
 LLEPLAPDSPIIILESPHIEEEIPLATRRLRRGSPGQEEHTQGQPQSPNAPPSPSVGETLGDGINSSQSKP
 GVCTPTAHPSLPGDGLTGKEIEKPPERVQKRSEVRRAEPPKPEVVDSTESRRSGTPRTQLWYRLVQEAP
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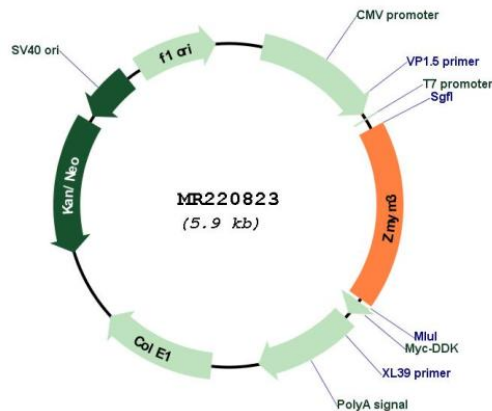
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001177988

ORF Size: 1047 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001177988.1 , NP_001171459.1
RefSeq Size:	1516 bp
RefSeq ORF:	1050 bp
Locus ID:	56364
Cytogenetics:	X 44.1 cM
MW:	37.3 kDa
Gene Summary:	Plays a role in the regulation of cell morphology and cytoskeletal organization. [UniProtKB/Swiss-Prot Function]