

Product datasheet for **MR210096**

Zswim3 (NM_178375) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim3 (NM_178375) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zswim3
Synonyms:	4921517A06Rik; C86566
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210096 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

 ATGGAGCTAGGCAGCTGCTTTAAGACCTACGAGGACTTCAAGGAGTGTTCAGCGCTACAAAAAGGAGA
CCAGGTGCTCCTTCATTGTCAAGGACTGCATCTCGTCCGCTTCCATAACCTCAACAACGGCACCTCTTT
CCGCGAGGATATCCTATATGTGAGGTGAAATTTGTCTGTATTCGGACGAGTCAAAACAGGAAGAAAAT
CGGAAGGTGGACAGGTGTCCAGCGTATCTGCTGCTGCAATACAACGAGACTCTAGATAGACTGTTTATCA
GTGAGTTGAATACCCAGCACATTCATGCTGACTCTAATGCTTCTGGAGGAATCCCTGCTAGCAAGCCTCA
GGCAATATGTCTACAAAACTCCCGCCGGTGCAGCTCAGCATCAGGAAAGACCTTGATACAGCAGAGAAG
CCCTCAGTAGAGCCGTATTTTGCCTCGATAAGATACACAAGCCCTCAAATCCAGAACAGGAGGGCATCA
GTCCTTCTGATATGGCCAAGATAGCAAAAGTGATGAAGAACTTTCTTACCGTGGACGAGGGCTCAATGGC
CTCCTTCAGTGTGGGCACCAAGACCTAGACCGACTCAGCTTCCAGAGCAGCAAGATGAGTGACCTG
TTGCGCCGATTCCAGAGACACTTTGCTGCACCGGGTGGAAAACAGCCAGGGCCATATTCTGTATGCTT
TCTTGGTGGAGAACAAGGAGCGAGAGAGTCGAGTGGTGCCTTCGCTGTGCTCAAGGCTGAGACAGCGCC
TTCTGTGGCCAAGATGCTCAATATCTTTACAGAATTCAACTCTGATTGGCCCAAGGTCAAGATGGTCTTT
GTGGACCTTCATTCCCTCACCAGCGATCTTACAGGAGATCTTCCCCTCTGCCCGCACTCTCCTCTCTA
TCTACCACCACTCGTCTCTTGAGAGAAGTTACACCAGAGTTCAGTAAATGCGTCTTTTAAAGGCT
CATGAAAGAAGCTCTGCGGAAGCTGTGTTGTCTCTTCTGATGCAAGCCTAAAAATCTCTGTGAGATG
TCCCAAGTCTACTAGATGAGGAACTCTCAGTTTCTCCAGGCCATTGGTTCTCTGTGAAGTCTGTG
GGTACATACATGTGAGGAAGGGCTGCATGCATGTAACACCTACATGGACAGCCTAGACATAGTACCAG
CAAGGTGTCAAGCCTCTTTCGGGAACAGCGGTCTCTGCTGGAAGTGCATCCTTCACTTTGTGGATTACATA
GACTTCTTTAATACCAAAGGTCTGAAGAGCTTGCCACAAATGCTCCCAAGTTAAGGAGAACTCGGCTCC
CAAGCACGCTCCAAGGCCCAAGAAGCCTTTTAGAATTTGTTGGTGGGGGTGACACCAGGCTCCCTGTGGA
AGAGGTAGAAGAGACAAAGGCAGACTCAGCACAGTCTCAGTTGCCACAGCCCCAGGATCAGTCTCCAAG
GCTGGCATGCTAGACATCTTGACCAGAGTGGCTCTGAACTAGCCTACAAGTTGTGTCAATGAGTGGG
AGGTGGTACAGAATTCACCCACCTGGTAGACGAGGCCGGCTCCTCAGTGGCTGTTCAAGTCTAGAGAA
CTCACACCAGGTGAGCAAAGATGGCTGTAGCTGCAGCTGCTCTTCAACAGTGTACCATCTGCCATGC
CGCCACATTTTGGCTCTGTTGCATACCAGCCAGCAGCCAGTAGGGGAAGCCATGGTGTGCTGCCGTGGC
AGAAGAAATACCAGCACCTCCTTGACCCCAATGGGGAGCTGCAAGACCGTGAATCATCCAAACACAGA
TCAGCCTGAAAAGCAAGGTGAGAACCATGATTGCGGACCTAAGCAGGGAGCTGGCAAACCTGCTGATG
CAGACCGAGGGGCCAGAGCTGGAGGAGCGCTGCTCCACCTGCGCAAGATTGTGGACATCTGGGCAGACC
CCTATCAGCTGCCTGAGTCCAGTCAGCAGCCAGTTGACTTCAGAGACGTGGGCTGCCTCCCTTCTCTG
GGGAAAGCTAGAGGAAGCAGACAGCCCCCTCTTGCTGAAGCCATGGTTCATGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210096 protein sequence
 Red=Cloning site Green=Tags(s)

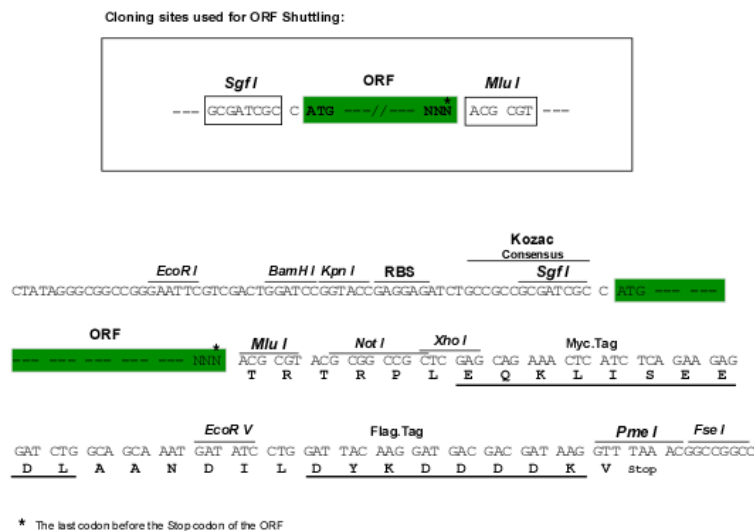
MELGSCFKTYEDFKECFSAKKETRCISFIVRDCISVRFHNLNGTSFREDILYVQVKFVCIRTQSNRKKTRKVDRCPAYLLQYNELDRLFISELNTQHIHADSNASGGIPASKPQAICLHKLPPVQLSIRKDLDTAEKPSVEPSFCLDKIHKPSNPEQEGISPSDMAKIAKVMKNFLTVDGSMASFVSGTSQDLDRLSFQSSKMSDLFARFPETLLHVRVENSQGHILYAFLVENKERESRVVHFAVLKAETAPSVAKMLNIFTEFNSDWPVKVMVFVDPSFPHRAILQEIFPSARTLLSIYHTTRLLEKKLHQSSVNASFKRLMKEALREAVFVSSDASLKNLCEMSQVLLDEELFSFLQAHWFSCELLWYIHVRKGLHACNTYMSLDIVTSKVSSLFREQRSLLDCILHFVDYIDFFNTKGLKSLPTNAPKLRRTRLPSTPPRPKPFRI CGGGDTRLPVEEVEETKADSAQSCLPQPQDQSSKAGMLDILHQSGSELAYKLCHNEWEVVQNSTHLVDEAGSSVAVQLLENSHQVSKDGCSCSCSFQCCYHLPCRHLALLHTSQQPVGEAMVCCRQWKYQHLLDPNGELQDRGIIPNTDQPEKQGNHMRDLRSLANLLMQTEGPELEERCSTLRKIVDIWADPYQLPESSQPVDFRDVGCLPFLWGKLEEDSPPLAEAMVHD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_178375

ORF Size: 2085 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_178375.2](#), [NP_848462.1](#)

RefSeq Size: 2711 bp

RefSeq ORF: 2088 bp

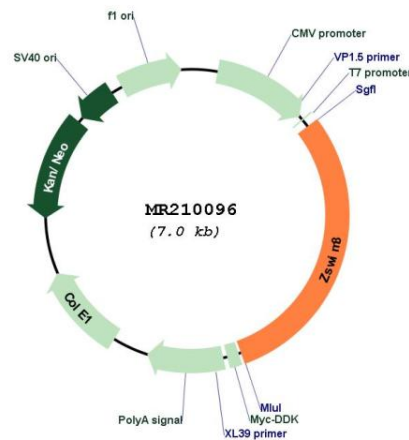
Locus ID: 67538

UniProt ID: [Q8CFL8](#)

Cytogenetics: 2 H3

MW: 79.1 kDa

Product images:



Circular map for MR210096