

## Product datasheet for **MC219919**

### Zswim2 (NM\_027964) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim2 (NM_027964) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zswim2
Synonyms:	1700025P14Rik; 4933437F18Rik; MEX
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219919 representing NM\_027964  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTCGCGGAGGCTGTAAAGCCTCAGAAAAGCGAAGACACTTAAGCGAGAGCCTCAGCTGGCAGCAAG  
 ACCAGGCCTGAGTAGCAGCATCTATCTCTGCGACAGATCGGCCCCACAGGCTTCTACTGAAGGAGGA  
 GGAGCCAGAAAAGGGGGATTTCAGATTTTGCTTGAAAACCCACATGAGTGCAGCTGCCCCACGTTTCTG  
 AAGAGGGGGAACTGTGCAAGCACATATGCTGGGTGTTATTGAAAAAATCAAGCTTCCAAGGAATCATG  
 AATCTGCTTTTCAGTTGGGTCTTACCGAAGGAGAAATAAATGACTTGCTCCGGGGGATACATCAGGTCCA  
 AGCTCCACAGCTTAGAGCAAGTGATGAGACTGCACAGGTGAAGAAGACGGCTACCTAAGCAGAAGGAC  
 ATCAATGCAGGGGATATCTGCTCTATTTGTCAAGAAGTGTCTGGAGAAAAAATCCCTGTCACCTTCT  
 GCAGATTTGGTTGGCAATAATGTTACATAAAAATGCATGCGGATCTTGCTAACTACCAAGACACAGG  
 GTCTGACAGTTCCGTGTTAAGATGTCCGCTGTGCAGAGAAGAGTTGCACCACTAAAAGTTATCTTGGAG  
 GAGTTCAAAAACTCTAACAACTATAACTATATCTGAGAAAAGACGACTGGACAAAACCTCGGAATTC  
 CCTGTAATAACTGTAACCAACTGCAATCGAGGGGAGGTGCTACAAGTGTACTGAGTGTGTGGAGTACCA  
 CTTATGCCAGGAGTGCTTTGACAGCTGCTGCTACTCTCCCATGCCTTTGCGTCCCGTGAGAAAAGAAAC  
 CAAAGATGGAGATCAGTAGAAAAAGATCAGAAGTCATGAAATATTTAAATACTGAAAAATGAGGGTGAAG  
 CAAAGCCGGGATGTTTTCAAGAAAAGCAGGGTCAGTTTTACACACCGAAGCATGTTGTAAGTCTCTGCC  
 TCTCCTGATGATTACAAAGAAGCAAGCTGCTGGCCCCAGGGTACCAGTGTGACTTTGCTTGAATCA  
 TTTTCTTTGGTCAATATAACAAGACTGCTACCATGTAAGTTCACAGGAAATGTATTGACAATT  
 GGTTACTCCACAAGTGAATTCATGCCGATTGACAGACAAGTCATATATAACCCCTGATCTGGAAAAGG  
 CATAGCCACGGATGGACAAGCACATCAGTTGGCTTCAAGCAAAGATATCGCCTGTCTGCGAAGCAGCAA  
 GAGCCAAAACCTTTTATTCTGTTACTGGATTAGTTTTAAAAGGAAAGAGAATGGGGTTTTACCTAGCA  
 TTCCCCAGTATAATTCTAAAGTATTGACTACACTTCAAAATCCATCAGACAACACTATCAGAAATATAACAAT  
 GGACGACCTATGCTCAGTCAAATAGATAAATCAAATTCAGAAAATTAGTTTTTGGATATAAAATTAGC  
 AAACAGTTCACATATCTGAAAAATCCAACCACTGGGCAAACACCATCTCAAACATTTCTTCTTCCC  
 TTCCTCATAAGAACATTATTTGCTCACTGGAAGGAAAGCCACATATCTGAAAAAGATCATATTGG  
 TCAGAGTCAAAAGACAAGCAGAGGTTACGAACATATAAACTATAACACAAGGAAATCTCTTGGTTCTAGA  
 TTAAGACAACACAAGAGATCAAGTGCATTATCTCAGAAGATTTAAATCTTACTATCAACTTGGGTACAA  
 CCAAACCTAGTTTGTCTAAGAGGCAAAATAATCCATGGGAAAGTTAGACAAAAACTTGGTCATCCACC  
 CAGACGACCTGCGTATCCCCCTTACAAACACAAAATGCTGCTCTGCTTTAATAATGCAAGGAATTCAA  
 CTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_027964
- Insert Size:** 1896 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\\_027964.2](#), [NP\\_082240.1](#)

**RefSeq Size:** 2062 bp

**RefSeq ORF:** 1896 bp

**Locus ID:** 71861

**UniProt ID:** [Q9D9X6](#)

**Cytogenetics:** 2 D

**Gene Summary:** E3 ubiquitin-protein ligase involved in the regulation of Fas-, DR3- and DR4-mediated apoptosis. Functions in conjunction with the UBE2D1, UBE2D3 and UBE2E1 E2 ubiquitin-conjugating enzymes.[UniProtKB/Swiss-Prot Function]