

Product datasheet for **RN204370**

Zswim3 (NM_001107801) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim3 (NM_001107801) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zswim3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204370 representing NM_001107801
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTAGGCAGCTGCTTTAAGACCTACGAGGACTTCAAGGAGTGTTCAGCGCCTACAAAAAGGAGA
 CCAGGTGCTCCTTCATTGTCAGGGACTCGGTCTCGGTCCGCTTCCATAACCTCAACAACGGCACCTTTT
 CCGCGAGGACATCCTATATGTGCAGGTGAAATTTGCTGTATTTCGACGAGTCAAAACAGGAAGAAAACA
 CGGAAGGTGGACAGGTGTCAGCGTACCTGCTCCTGCAGTACAACGAGAGACTAGATAGACTGTTTATCA
 GTGAAGTGAACCCAGCACATACATGCGGATTCTAGTGTGCTGCTGGAGGGTCCCTGTAGCAAACC
 TCAGAAGGCACTGTCTGCACGAACTCCAGCCGGTGCAGCTCAGCATCAAGAAAGACCTCGATACAGCA
 GAGAAGCCCCAGTGGAGCCATCTTTTGCCTAGATAAGATAACACAAGCCCTCAAATCCAGAGCAGGAGG
 GCATCAGTCTTCTGATATGGCCAAGATAGCGAAAGTAAATGAAGAACTTCTTACCGTGGATGAGGGTTC
 AATGGCCTCCTCAGTGTAGGTACCAGCAAGACCTAGACCGACTCAGCTTCCAGAGCAGCAAGATGAGT
 GACCTGTTCAACCGCTTCCAGAGACTCTTGTGTCACCGGGTGGAAAACAGCCAGGGCCATATCTGT
 ATGCTTTCTTGGTGGAGAACAAGGAGCGAGAGAGTTCGAGTGGTGCATTTTGTGTGCTCAAGGCTGAGAC
 AGCTCCTTCTGTGGCCAAGATGCTCAATATCTTACAGAATTCAACTCTGATTGGCCCAAGGTCAAGGTG
 GTTTTTGTGGACCCTTATTCCCTCACCAGACTATTCTACAGGAGATCTTCCCGCTGCCCGCACCTCC
 TCTCCATCTACCACAACTCGTCTCTTGGAGAAGAAGTTACATCAGAGTTCAGTCAATGCATCTTTTAA
 AAGACTCATGAAAGAAGCTCTAAGGGAGGCTGTGTTTGTCTTCTGTGATGCGAGCCTAAAAATCTCTGT
 GAGATGTCTCAAGCCCTACTGGATGAGGAACTGTTCAAGTTTCTCCAGGCCACTGGTTCTCCTGTGAAC
 TGCTGTGGTACATGCATGTGAGGAAAGGACTACATGCGTGTAAACACCTACATGGACAGCCTGGACATAGT
 CACCAGCAAGGTGTCAAGCCTCTTCCGGGAGCAGCGGTCTCTGCTGGACTGCATCCTTCACTTTGTGGAT
 TACATAGACTTCTTAAATACAAAGGGCTGAAGAGCTTGCCACAAATCTCCCAAGTTAAAGAGAAGTCC
 GGCTCCCAAGCACGCTCCAAGGCCAAGAAGCCTTTTAGAATTTGTGGAGGGAGTGCCACCAGGCTTCC
 TGTGGAAGAGGTAGAAGAGACAAAGCCAGACTCAGCACAGTCTAAGTCGCCACAGCCCCAAGATCAGTCC
 TCCAAGGGTGGCATGCTAGACATCTTGCACCAGAGTGGCTCTGAACTAGCCTACAAGTTGTGTATAATG
 AGTGGGAGGTGGTACAGAACTCCACCCACCTGGTACAGAGGCGCGCCTCAGTAGCTGTTTCAAGTCTG
 GGAGAATTACACCAGGTGAGCAAAGACGGCTGCAGCTGCAGCTGCTCCTTCAACAGTGTACCATCTG
 CCATGCCGCCACATTTTGGCTCTGTTGCATACCAGCCAGCAGCCAGTAGGGGAAGCCATGGTGTGCTGCC
 GGTGGCAGAAGAAATACCAACACCTCCTTGACCCCAATGGGGAGCTGCAAGACCGTGAATTAATCCCAA
 CACCGATGAGCCTGAAAAGCAAGGTGAGAACCAAGATTCCGGGACCTAAGCAGGGAGCTGGCAAACCTG
 CTGATGCAGACCGAGGGCCAGAGCTGGAGGAGCGCTGCTCCACCCTGCGCAAGATTGTGGACATCTGGG
 CAGACCCCTATCAGCGCCTGAGTCCAGTCCAGCAGCAGCCAGTTGACTTCAGAGATGCGGGCTGCCTCCC
 TTTCTCTGGGAAAGCTAGAGACAGGAGACAGCCCCCTCTGCTGAAGCCATGGTTTATGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107801
- Insert Size:** 2097 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_001107801.1](#), [NP_001101271.1](#)

RefSeq Size: 2691 bp

RefSeq ORF: 2097 bp

Locus ID: 311630

Cytogenetics: 3q42