

Product datasheet for MC223892

Zswim5 (NM_001029912) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim5 (NM_001029912) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zswim5
Synonyms:	4933426E21Rik; AI503093; mKIAA1511
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223892 representing NM_001029912 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGAAGGAGGTGAGCGAGAGGAGCTGCTTTCGCCGCCGCCGATCTCTCCGGCCAAGAGGCTGTGCT
CTTGGCCAGCCGCAAGCTCACCACCCCGCGGGACTCCCGGGCAGCCGGCGGAGGGCGGGGGCGG
CGGCGGGCTGCCTGGCCCCGGGGCCCGCCCCACCTGCAGCCGGAGTCCTTGCTGGACTGCGCCGCC
AAGACGGTGGCGAAAAGTGGGCGTACGAGCGGGTGGAGGAGCGCTTCGAGCGGATCCCGGAGCCGGTGC
AGCGCCGATCGTCTACTGGTCTTCCCGCGGAATGAGCGGGAGATCTGCATGTACTCCAGTTCAGTA
CCGGGGCGGCCCGGAGCCGGCGCGGCTGCCGGCGCGCGGGGGCTTCGCGGTCGAGGAGGGGCCGCCG
CCACCCCGGGGCCCGGCTCCGGCCGGCTCCGCCCCGGGGCCGCGGGGCGGGCTCGTCCCCGGGGC
TGGGCGCTGGGACTGGAACGGCGAGCGCGGCTGCGGCGCGCGGAGGGGCTGCCGTTCCGCCGGGGCAT
CCGTCTGCTGGACAGCGGCTCCGTGGAGAACGTGCTTCAAGTCGGCTTCCATCTGAGTGGCACAGTCACG
GAACAGCCATGGCTTCTGAGCCAGCAGTGACTTACAAGGTTGCCATCAGCTTTGATCGATGCAAAATCA
CGTCTGTGAGCTGCGGCTGTGGGAATAAGGACATATTCTACTGTGCTCACGTGGTAGCACTCTCTCTA
CCGGATCCGGAACAGACAGGTCAAACCTCGTCTTCTATCTCAGAAACCTTTCCAGATGAACAGG
GACCAGTACAGAAGTTTATTCAGTATTTAATCACAGCACACCACTGAAGTTCTTCTACTGCACAAA
AGCTGGCAGATGAGATTCTGTCTCCAACCTCAGAAATCAACCAAGTGAATGGCGCCCTGACCCACAGC
TGGGGCCAGCATCGATGATGAGAACTGTTGGCACTTGGATGAAGAACAAGTGAAGAACAAGTGAAGCTC
TTTCTCTCCAGGGGGTTACTATGGCTCTGGGAAGCAGCTCAACTCAATGTTTGCCAAGGTTTCGAGAGA
TGCTTCGAATGAGAGATTCTAATGGAGCCAGGATGCTGACACTTATCACTGAGCAATTTATGGTGATCC
ACGCTCACACTCTGGAGGCAGCAAGGAACAAGCATGACAGACAAGTGCAGGCAGCTCTGGGATGAGCTA
GGGGCTTTATGGGTGTGCATAATTTTAAATCCACACTGCAAACTAGAAGAAAAATCTTGTGGCTCCAGC
AACTGCAGAAGTGAGGACCTGGATATCTGTCCCTGGAGGATGAAACTATGGGCATGAGCTGCCAA
CATTACCAATGCGCTCTCCAGAGTGCCAGCCACAGCCAGACTCTTTATCCAGACCAAGACGAACAGTC



[View online »](#)

TTCACTAGAGCCATTGAAGGTCGTGAGTTGCATTGGCAGGACAGCCACCTACAACGAATAATCAGCAGTG
GGATCTATACAGCTCCTGCCTGCCAGCGGAAAAATGAGCGACTACTCTTTAATCCCATGGCCAGCCACT
GTGGCTTGAGCATGTGCCTACAGCCTGTGCTCGGGTTGATGCACTGCGATCTCATGGGTATCCAAAAGAG
GCTCTCAGACTCACGGTGGCCATCATTAACTCTGAGGTTGCAGCAGCAGCGGCAGCTAGAGATCTACA
AACATCAGAAGAAAGAGTTGTTGCAGAGAGGAACGACAACAATCACAACCTGGAGGGCTGGGTGGGCCA
TCCCCTGGATCCCATTGGCTGCCTGTTTCTCACTTTGACTGAAGCCTGCCGCTGAATGATGACAGCTAC
ATGGAGATGTCAGATATGAATGAAAGCAGACTTCTGTGTACCAGCATGTACCTGTGGCTTCAGGCTGCC
CAAACAGCAATGAGTCGTACCTGTCACTGGCCCTGGAGGTTGCTCTGATGGGCATGGGACAACAGAGAGT
GATGCCTGAAGGCCTCTATGCACAGGACAAGGTGTGCCGTAATGAGGAGCAACTCCTGAGCCAACCTCCAG
GAACTGCAGCTGGATGATGAGCTAGTCCAGACCCTGCGCAACAGTGCATCTTACTGCTGGAGGGAGGCC
CCTTCAGCGGCCCTCGGAGAAGTCATCCACGGGAGAGTGTTCCTATGCACACCTTTGCAAGTATCTGTT
CTCAGCTCTGCTGCCTCATGATCCAGACCTGTCTTACAAGTTAGCCTTACGCGCCATGAGGTTACCTGTG
CTAGAAAACCTCGTCTTCCGAGGCGACAGTCCCACCCCATCACATGGTGTCTGTGGTACCCAGCCGCT
ATCCTCGCTGGTTCAGCTCGGACACTTAGAGTCACAGCAGTGTGAAGTGGCCTCCACCATGCTGACTGC
TGCCAAAGGAGACAGCTGAGGCTACGAACTCTTCTGGAAGCGATACAGAAGCACATCCATTCTCCCTCC
CTCATCTTCAAACCTAGCTCAAGATGCATTCAAGATTGCTACTCCACGGACAGCAGCACAGACGGCACTC
TGCTCAACGTGGCCCTGGAGCTGGGTTACAGGTGATGCGGATGACCTTATCAACCCCTAATTGGAGGCG
CCGAGAGATGGTTCGATGGCTGGTTACTTGTGCTACAGAAGTGGGTGTGCGGGCCCTGGTGAATCTTG
CAGAGCTGGTACACACTTTCACCCGACTGAGGCTACAAGTATTGTGGCTGCCAGCCGATCCACACA
CCACTATCCTGCGCTCAGCCTTGACTACCCACAGCGGAGGAAGTGGCTAGCTGTGCTCGCACACTGGC
CCTACAGTGTGCTATGAAGGATCCACAGAGCTGTGCCTTATCAGCTCTTACACTTTGTGAGAAAGACCAC
ATTGCCCTTGAGGAGCCTACCAGATTGCCATTGATGCTGCTGCCGTGGCATGACTCATTACAGCTGT
TCACCATTGCCCGCTACATGGAGCTCCGTGGCTACCCGCTACGTGCCTTCAAGCTGGCCTCACTAGCCAT
GAGCCATCTTAACCTGGCCTACAACAGGACACCCATCCAGCCATCAATGATGTGCTCTGGGCTTGTGCT
CTCAGCCACTCTCTGGGCAAGAATGAAGTGGCAGCTCTCATCCCCCTGGTGGTGAAGAGTGTGCACTGTG
CCACAGTGCTTTCTGATATCCTGCGTCGGTGCACAGTGAAGTGGCCAGGCTGGCAGGCATCCAGGCCG
CCGAGCTCCGGAAGCTCATGTCAACAGACAAAGCCCACTGCGCCAGCTACTGGATGCAACCATCAAT
GCCTACATCAACACCACACACTCCCGTCTGACACACATCAGTCCCGCCACTATGGAGAGTTCATTGAGT
TTCTGAGCAAAGCTCGTGAGACCTTCTACTGCCCAGGATGGTCACTTGCAATTTGCCAATTCATTGA
CAACCTCAAACAGATATACAAAGGCAAGAAGAAGCTGATGCTGTTGGTTCGGGAGCGCTTTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001029912

Insert Size:

3567 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.

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

RefSeq: NM_001029912.2, NP_001025083.1

RefSeq Size: 5397 bp

RefSeq ORF: 3567 bp

Locus ID: 74464

UniProt ID: Q80TC6

Cytogenetics: 4 D1