

Product datasheet for **MC223538**

Zswim4 (NM_172503) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim4 (NM_172503) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zswim4
Synonyms:	D330002I24; E130119J17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223538 representing NM_172503 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCCCGCGGCCAAGCGCAGCCGGGGCTGCCCGCGGGGACGAGCCGGGACCGGGGCCGTC
GCAGTCGCCCCGAGCCGTTGTTGGACCTTAGCGCCAAGCGGGTGCCGAGAGCTGGGCCTTCGAGCAGGT
GGAGGAAAGGTTCTCCCGGGTCCCGGAACCGGTTCAAGCGCATTGTGTTCTGGTCTTTCCACGAAGT
GAGCGGGAGATCTGTATGTACTCATCTGCGGCTACCAGCCCCAGAAGTGAGCAGGACACCCGGGTAC
CATTACCCGTGGGCTGCACCTGTACAGAGTGGGGCTGTGGATCGAGTGTACAAGTAGGGTTCACCT
GAGTGGGAATATTCGAGAAGTTGGGGGCCAGGAGAGCCAGAGCATCTCTACCACGTCTCCATCAGCTTT
GACCGCTGCAAGATCACATCTGTGAGCTGTGGCTGCGACAATCGGGACCTCTTCTACTGTGCCACGTGG
TGGCGCTGTCAATTGTACCGCATCCGTATGCTCGCCAGGTGGAGCTGCGGCTGCCATCTCTGAGACTCT
GTCACAAATGAACCGGGATCAGCTTCAGAAGTTTGTGAGTATCTCATCAGTGCACACCACACTGAGGTG
CTGCCTACCGCCCAACGTCTTGCTGACGAGATCCTCTGCTGGGCTCTGAGATCAACCTGGTTTATGGTG
CCCCAGATCCACAGCGGGTGCAGGCACAGAAGATGCCAACTGTTGGCATCTGGATGAGGAGCAGATCCA
AGAGCAGGTGAAACAGCTGCTGTCCAATGGTGGCCACTATGGGGCAGCCAGCAGCTGCGCTCCATGTTT
AGCAAGGTGCGGGAGATGCTTCGAGCAGCGGACTCCAATGGGGCAGCATGCTAATCCTCATGACTGAGC
AGTTCTTGACGAGACCCTCGCTTGCCCTGTGGCGCAGCAAGGTGCTGGCATGACAGACAAGTGCCGGCA
GCTGTGGGATGAGCTGGGGCTTTGTGGGTCTGTGTATTTTGAAGCCACACTGCAAACAGATGAGCGG
TCGGGATGGCTGCAGTACTTGGCAGTGGGACAAGCTAGATGTGTGCCACTGGAAGAAGGCAACTATT
CCTTGGACATCCCGAGCTACAGCTGCTTAACCTCCAGGACAGGCTCAGAGGATGAAGAAGAGGTGAC
AGCCGCCAGCCCCGAGGACAGTTTTCAGCCGAGCACTGCAGGCTGGAGAGTTGCACTGGAATGACAGC
CACCTACAGAGGATCCTGGCCAGTATTCTGTGGCCCCACCCTACTGGCAGTATGGGAAGTGACAAGC
CAACCTTTGACCCTCAGGGCCACCCATCTGGCTGGGCGAACCTTTCCTACTGCCTGTGCACGGGTGGA
TACTTTGCGGGCCATGTTATCCCCACAAGGCTGTGCGGCTGGCGTGTGCCATAATCAACACCCTGCGC



[View online »](#)

CTGCAGAGGCGACACCAGCTTGAGAGCTACAAGCAGCAGAAAAAGAACTGCTCCAGAAAGGTGCTACTG
GTGTCAACAAGCACTGAAGGTTGGGTGGGCCATCCCCTGGATCCCATTGGCTGCCTCTGCAGGGCACTGCT
GGAGGCCGTGTCGCTGGAGGAGGAGCCTCACTCTTTTCCCAGACTCAGCCCCAGAGAAGCGAAAGCTG
GCCTACCAGCAGTGTGGTGCCCGGGAGCCCTGGAGAGTCTACTTGGCACTGGCACTGGAAGTGGCAC
TCCTGGGGCTAGGGCAGCAGCGGGCCCTGCCGGAGGGACTGTATGCCAGGACAAAGTGGTGCGAATGA
AGAACAGCTACTGGCCCTGCTGGAGGAGGTGGAGCTGGACGAGCGGCTGGTGCAAGTGTGCGAAAGCAG
GCTGGGCTGCTGCTGGAAGGAGGCCCTTTCAGCGGCTTTGGAGAAGTGATTTTCCGGGAGAGCGTACCCA
TGCACACCTGTGCCCCGATACTTGTTCAGTGCCTGCTGCCCCACGACCCAGATCTGGCCTTCCGCTGGC
GCTCCGAGCCATGAGGCTGCCTGTGCTGGAGACAACATCCCCGCTGGAGAATCTCACCCCAACCCACTG
GACTCCATCATGAGTAACCGCTTCCCCGGTGGTTCATCCTTGGCCACCTGGAGACCCGCCAGTGTGAGC
TGGCCTCCACCATGCTGACGGCTGCCAAAGGAGATACCAAGTGGTGCATGCGGTTCTGGGCTCCGTCCA
GCAAAATATCCACTCCCCAGCCCTGCTCTTCAAGTTGGCACAGGATGCCTGCAAGACAGCCACTCCAGCC
AGCGCACCGCCAGACACCGTGTGCTGGGCATCGCGCTGGAGCTCGGCCTGCAGGTGATGCGGATGACAC
TGAACACCATGACTTGGCGGCGCAGGGAGATGGTTCGCTGGCTGGTTAGCTGCGCCACGGAGATTGGCCC
ACCAGCGCTGATGAGCATCATGAAGAACTGGTACTCCTTGTTCACCCAGTGGAGGCGGTACCATAGTG
GCAGTGACAGGACACGATGCCACTTTGCTGCGACTGCAGCTAGATACAGTGGGCGAGAGGAGCTCT
GGGCTTGTGCCCCGACCTTGGCACTGCAGTGCGCCATGAAGGATCCCCAGAACTGCGCCTTGCCAGCCCT
GACCCTGTGTGAGAAGAACCACGCGGCTTTGAGGCTGCCTACCAGATTGTGCTGGACGCTGCAGCCGT
GGCCTCGGCCACGCCACCTTTCACGGTTGCACGGTATATGGAGCATCGAGGCTGCCTCTGCGGGCT
ACAAGCTGGCCACGCTAGCCTTGGCACAACCTCAGCATTGCCTTCAACCAAGACAGCCACCTGCAGTCAA
CGATGTGCTGTGGCCTGCTCCCTCAGCCACTCGCTGGGCGGCACGAATTGTGCGCCATTGTCCCTCTC
ATCATCCGAAGCATCCACTGTGCACCCATGCTCTCAGACATCTGCGACGCTGGACACTCTCAGCACCCG
GGCTGGGCCCACTGGGGGCCCGCAGGGCTACCAAACTAGGGACTGACAGGGCACCACCTTTGTACGCT
TCTGGATGCCGAGTAGCCGCTACATAACCACGACCACTCTCGCTCACCCACATTAGCCACGCCAC
TATGGTGAATTCATTGAGTTCCTGGGCAAGCTCGAGAGACCTTCTTCTGGCACCAGACGGGCACCTCC
AGTTTCGCACAGTTCTTAGAAAACCTGAAACAGACGTACAAGGAAAGAAGAAGTTGATGCTGTTGGTTTCG
GGAACGGTTTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_172503

Insert Size:

3306 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:	<u>NM_172503.3</u> , <u>NP_766091.2</u>
RefSeq Size:	4348 bp
RefSeq ORF:	3306 bp
Locus ID:	212168
UniProt ID:	<u>Q8C7B8</u>
Cytogenetics:	8 C2