

Product datasheet for **MC223941**

Zswim6 (NM_145456) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zswim6 (NM_145456) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zswim6
Synonyms: 2900036G02Rik; mKIAA1577
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223941 representing NM_145456
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAGCGCGGACAGCAGCCTCTCCCGGAAACGGCTCTGCTGCCGGCCGGCGGCGGGCGGGCGG
GCGGGCGGGTGGTGGGGCAGCAGCGGGCGGGCGGGTGGCGGTACAGCTCTGCCTGTCGGCCGG
CCCGGGCGGGGGTGCGGCGGGCGGGCGGGTGCGGGGCGGGCGGGCACTGGGGCTGCTGCCGCC
GGCAAGACCCAAAGCCCCGAGTCTCTGCTGGACATCGCAGCGCGAGGGTGGCGGAGAAGTGCCGTTC
AGCGCGTGGAGGAGCGCTTCGAGCGCATCCCGGAGCCGGTGCAGCGCCGATCGTCTACTGGTCTTTCC
CCGCAGTGAGCGGGAGATCTGCATGTACTCGTCTTCAACACCGCGGGCGGCTCCGCGGGCGGCCCGGC
GACGACAGCGGGCGGGCGGGCGGGCAGCAGCGGGCGGGCGGGCGGGCGGGCGGGCTCCTCATCTCGC
CGGCCGCCACCTCAGCCGCCGCCCGCGCTCGCCGCGGGCACCAGGACCCCGTCCGTGGGGCGGGCCAG
CGCTGCGGACGGCGGGCAGGAGACGCGGGTGCCTTCCGCGGGGTATCGCGTCTGGAGAGTGGTGC
GTAGACAACGCTCTGCAAGTCGGTTTCCACTTGAGTGGCACAGTGACAGAACCTGCAATACAACCGGAGC
CAGAAACCGTTTGCAACGTGGCCATCAGCTTTGATCGTTGCAAGATTACCTCAGTGACCTGCAGCTGTGG
AAACAAGGACATATTTTATTGTGCCATGTTGTGGCACTGCTTTATACCGCATCCGCAAGCCAGAGCAG
GTCAAAGTGCATCTTCCATTTCCAGAGACTCTTTTCCAGATGAACAGAGACCAGTACAAAAAGTTTGTTT
AGTATTTGATCACAGTGACACACAGAAGTCTTGCCAACTGCACAGAAGCTAGCAGATGAAATCTCTC
CCAGAATTCAGAAATCAACCAAGTTCATGGTGCTCCTGATCCTACGGCGGGTGTAGTATTGACGATGAG
AACTGCTGGCACTTGGATGAAGAGCAGGTGCAAGAACAGGTGAAAGTGTTCTCTCCAGGGAGGGTACC
ACGGGTACAGAAAGCAGCTCAACATGCTCTTTGCAAAGGTGCGGGAGATGTTGAAGATGAGAGACTCCAA
TGGGGCCCGTATGTTGACCTTGCATCACAGAGCAGTTCATGGCTGACCCTGCCTGCACTTTGGAGGCAG
CAAGGCACTGCAATGACTGACAAGTATAGGCAGCTCTGGGATGAGCTTGGTGTCTGTGGATGTGTATCG
TTTTAAACCCCACTGTAAAGTTGGAGCAAAAAGCCAGTTGGCTAAAGCAACTGAAAAATGGAACAGTGT
TGATGTCTGTCCGTGGGAAGATGAAATCATGGCAGTGAATTACCAACCTAACCATGCTCGCCTCAG
GGTGCAATGCCAACCAAGATTCATCGAACAGGCCATCGGACAGTGTTCACGAGAGCCATCGAGGCAT



GTGATCTCCACTGGCAGGATAGCCACTTGCAGCACATTATCAGCAGTGACCTGTACACCAACTACTGT
 CCATGACGACACTGAAAACCTCCCTCTTTGACTCCCGGGGTGGCCCTCTGGCATGAACACGTCCCTACA
 GCCTGTGCAAGAGTGGATGCGTTGCGTTCTCACGGGTACCCAGAGAAGCACTGAGACTAGCAATAGCTA
 TTGTGAACACATTACGACGACAACAGCAGAAACAGTTGGAATGTTCCGGACTCAAAAAAGAGCTGCC
 CCATAAAAGCATAACTTCAATAACCAATCTGGAAGGCTGGGTTGGACACCCCTGGACCCCTGTGGCACT
 CTCTTCAGTAGCCTTATGGAAGCTTGCACACTGACGGTGACGCCTTCTCTGGCTTCTCCGATTGTACAG
 ACAACATGGGACAATGCAAGTCCCTGGAGTACCACCATCTGCCTGCACACAAGTTCTTAGAAGAAGGGGA
 ATCCTATGTAACCCTGGCTGTGGAGGTGGCCCTGATCGGACTGGGACAGCAGCGGATCATGCCTGACGGG
 CTGTACACACAAGAGAAGGTTTGC CGGAACGAGGAGCAGCTCATCTTAAGCTTCAGGAAATCGAATTGG
 ATGACACACTGGTGAAAATTTTTCGAAAGCAAGCAGTCTTCTATTAGAAGCTGGACCATATAGTGGCTT
 AGGTGAAATAATCCATCGGGAGAGTGTTCCAATGCACACATTTGCCAAGTATCTTTCACCTCTCTCCTA
 CCTCATGATGCTGAATTAGCATACAAAATTGCACTGAGAGCAATGCGGTTACTAGTATTGGAATCTACTG
 CTCGACAGGAGACCTCTCCGCCCCACCACATTGCGTCAGTCGTCACCAACCGATACCCTCGCTGGTT
 CACTTTGAGCCACATTGAGTCCCAGCAGTGTGAGCTGGCATCCACCATGCTAACTGCAGCCAAAGGGCAT
 GTTCGGAGGCTGGAGACAGTATTAGAATCCATCCAGAAAACATCCACTCCTCATCACACATCTTCAAGC
 TTGCCAAGATGCATTTAAAATAGCAACTCTCATGGACAGCTTGGCAGACATCACTCTTTTGAAAGTGTC
 TCTGGAGCTGGGCTGCAGGTGATGCGAATGACCTGTCAACCCTCAATTGGCGACGTCGAGAAATGGTG
 CGGTGGCTGGTGACATGTGCTACTGAAGTGGGCGTTTATGCCCTGGACAGCATCATGCGAGCTGGTTTA
 CACTTTTCACTCCACGGAGGCCACGAGTATTGTTGCGACTACCGTGATGTCCAACAGCACCATAGTCCG
 CCTCCACTGGACTGCCATCAACAGGAAAAGCTGGCCAGCAGTGGCCGGACGCTGGCATTGCACTGGCC
 ATGAAGGACCCGAGAAGTGCGCCCTCTCTGCACTGACCTCTGTGAAAAGGACCACATAGCTTTGAGA
 CGGCGTACAAAATCGTCCTTGATGCTGTACCACCGCATGAGCTACACACAGCTTTTACAATAGCAGC
 GTACATGGAGCACCGTGGTACCCGATGAGGGCTACAAGCTGGCCAGCTGGCCATGACCCATCTCAAC
 CTGAGCTACAATCAGGACACACACCCTGCCATTAATGACGTTCTGTGGCCTGTGCGCTTAGTCACTCCC
 TCGGTAAGAATGAGCTAGCAGCTATAATACCTCTGGTGGTTAAGAGCGTCAAATGCGCAACGGTACTGTC
 GGACATTTTGCAGGTGACCCCTGACCACCCGGGCATGGTGGGACTTCATGGAAGGAGGAACTCTGGC
 AAGCTCATGTCACTGGACAAAGCCCTTGCAGCAGCTTTGGATGCCACGATCGGGCCTATATCAACA
 CAACGCACTCACGCTCACACACATCAGTCTCGGCACTATAGCGAGTTTATCGAGTTTCTCAGCAAGGC
 CCGAGAGACCTTCTAATGGCACACGATGGACACATTAGTTTACACAGTTTATCGACAACCTGAAACAA
 ATCTACAAAGGCAAAAAGAAGCTGATGATGTTGGTTCGGGAGAGGTTTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_145456

Insert Size:

3624 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_145456.2](#), [NP_663431.2](#)

RefSeq Size: 5473 bp

RefSeq ORF: 3624 bp

Locus ID: 67263

UniProt ID: [Q80TB7](#)

Cytogenetics: 13 D2.1

Gene Summary: involved in nervous system development, important for striatal morphology and motor regulation.[UniProtKB/Swiss-Prot Function]