

Product datasheet for **MR223972**

Zswim5 (NM_001029912) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim5 (NM_001029912) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zswim5
Synonyms:	4933426E21Rik; AI503093; mKIAA1511
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223972 representing NM_001029912 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGAAGGAGGTGAGCGAGAGGAGCTGCTTTCGCCGCCGCCGATCTCTCCGGCCAAGAGGCTGTGCT
CTTGGCCAGCCCGCAAGCTCACACCCCCCGGGGACTCCCGGGCAGCCGGCGGAGGGCGGGGGCGG
CGGCGGGCTGCCTGGCCCCGGGGCCCGCCCCACCTGCAGCCGGAGTCTTGCTGGACTGCGCCGCC
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CGTCTGTGAGCTGCGGCTGTGGGAATAAGGACATATTCTACTGTGCTCACGTGGTAGCACTCTCTCTA
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TTCACTAGAGCCATTGAAGGTCGTGAGTTGCATTGGCAGGACAGCCACCTACAACGAATAATCAGCAGTG
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Protein Sequence: >MR223972 representing NM_001029912
 Red=Cloning site Green=Tags(s)

MAEGGEREELLSPPPISPAKRLCSWSPQAHHPRGTPGAAGGGAGGGGGGCLAPGARPHLQPESLDCAA
 KTVAEKWAYERVEERFERIPEPVQRRIVYWSFPRNERICMYSSFQYRGGPGAGAAAGAASPVEEGPP
 PPPGAAAPAGSAPGAAGAGSSPGLGAGTGTASGGCGGEGLPFRRGIRLLDSGSVENVLQVGFHLSGTVT
 EPAMASEPAVTYKVAISFDRCKITSVSCGCGNKDIFYCAHVVALSLYRIRKPDQVKLRLPISSETLFQMN
 DQLQKFIQYLITAHTEVLPTAQKLADEILSSNSEINQVNGAPDPTAGASIDDENCWHLDEEQVKEQVKL
 FLSQGGYYGSGKQLNSMFAKVREMLMRDSNGARMRLTLITEQFMADPRLTLWRQGTSMTDKCRQLWDEL
 GALWVCIIILNPHCKLEEKSCWLQQLQKWSLDICPLEDGNYGHELPNITNALSQSASHSPDSLSPRRRTV
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 ALRLTVAIINTLRLQQQRQLEIYKHQKELLQRGTTTITNLEGWVGHPLDPIGCLFLTLTEACRLNDDSY
 MEMSDMNESRLPVYQHPVASGCPNSNESYLSLAEVALMGMGQQRVMPEGLYAQDKVCRNEEQLLSQLQ
 ELQLDDELVQTLRKQCILLLEGGPFSGLGEVIHRESVPMHTFAKYLFSALLPHDPDLSYKLALRAMRLPV
 LENSASSAGDTSHPHMHVSVPSPRYPRWFTLGHLESQCELASTMLTAAKGDTRLRLTLLEAIQKHIHSPS
 LIFKLAQDAFKIATPTDSTDTLLNVALELGLQVMRMTLSTLNWRRREMVRWLVTCAVEGVRLVSIIL
 QSWYTLFTPTATSIVAATAVSHTTILRLSLDYPQREELASCARTLALQCAMKDPQSCALSALTCEKDH
 IAFEAAQYIAIDAAAGGMTHSQLFTIARYMELRGYPLRAFKLASLASHNLAYNQDTHPAINDVLWACA
 LSHSLGKNELAAIPLVVKSVHCATVLSLILRRCVTAPLAGIPGRSSGKLMSTDKAPLRQLLDATIN
 AYINTHSRLTHISPRHYGEFIEFLSKARETFLLPQDGHQLQAFQIDNLKQIYKGGKKMLLVRRERFG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9102_e11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

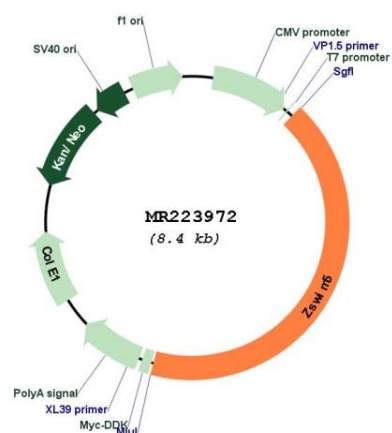


ACCN: NM_001029912

ORF Size: 3564 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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
MW:	130.9 kDa

Product images:



Circular map for MR223972