

Product datasheet for RN217694

Zswim8 (NM_001271275) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zswim8 (NM_001271275) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zswim8
Synonyms:	RGD1309414
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217694 representing NM_001271275 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCTGATGTTCCGGGAGTGGGAGGACGGCGAGCGCTTCTCGTTTGAGGATCCGACCGCTTTGAGG
AGGATTCCTCTGTTTCATTTCTGAGGCCGAGAGCCTTTGCCAGAAGTGGCGAGGATGGCGCAAACA
GTCAGCGGGGCCAATCCCCCACTGGAGGCGGTGGCGGAGGTGGCAGTGGCGGTACCAGAATGCGAGAT
GGATTGGTATCCCTCTGGTGGAGCTGTACGCAAGCAGGTGGCATTCCACATCCCATTTGAGGTGGTGG
AGAAGGTTTACCCTCCAGTGCCTGAGCAACTCCAACCGAATCGCTTTCTGGAGCTTCCCTGAGAACGA
AGAGGACATCCGTCTGTATTCATGCCTAGCCAATGGCAGTGGCGATGAGTTCCAGCGAGGGGATCAGCTG
TTCCGAATGAGGGCTGTGAAAGATCCCTGCAGATAGGGTTCCATCTGAGCGCTACAGTGGTACCACCGC
AGATGGTCCCTCCAAAGGGGCCTACAATGTGGCTGTGATGTTTGACCGTCCCGGGTCACTTCTGTAG
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GCATCTGCAGTTTGCCTGCGGGCTCCCGTCTCAGAGTCCCTGTCTCGGCTACAAAGGGACAGCTTCAA
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ACTCCTTCCCTCCAGTCAACAGCCATCAATACAGTATGTGGAGTCCGGACCCTACAGCAGGGCCCTCA
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AGTTCTGCGGCCCTCCCTGTGGTCTTCAGTGTGAACTCTATGTACCTCCTCCACGGAGCCTCC
TGCTGCAGCTGAGTGGGCATGTCTGCTGCGCCCTCTGAGGGTTCGAGAGCCTGAGGGCGTCTGGAACCTG
CTTAGCATTGTTTCGAGAGATGTTCAAGCGGAGGGACAGCAATGCTGCCCCCTGTAGAAATACTCACGG
ACCAGTGCCTCACCTACGAACAGATCACGGGCTGGTGGTACAGCGTGCCTACCTCAGCTTACACAGCAG
TGCCAGTGGTACACAGGCCGTAGCAACGGACAGTCAAGGATGAGCAGCCATGCATGTGCAAGTATGTGT
GATGAGATGGTTACCCTCTGGAGGCTGGCTGTGCTGGACCCTGCCCTCAGCCCTCAGCGCCCGGGAAC
TGTGTGCGCAGCTGCGCCAGTGGCAACTGAAGGTGATTGAGAATGTCAAGCGGGACAGCACAAGAAGAC
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CCCCTTCTGGCGTTACCTACAGTGGCACCACCAGAAAGCTAGCCCTGTGCTGGGCCCGGGCCCTGCCCA
 CTAGGCCAGGAGCCTCTAGATCTGGGGCCCTGGAAGAGTCCCAGCCACGTCTCTTCTACTGAGCCAGC
 TGTGAGGCCCAAGGAACCTGGGGCCAAGCGCAAAGGATTGGGTGAGGGGGTCTCTTCACAGCGGGTCCC
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 CAGCTCCCTGGAACCAGACTTGGCAGAGATGAGCCTGGATGACAGCAGCCTGGCCTGGTGCAGAGGCC
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 AAGACAGTATAGCATTAGCAGCTTCTCCTCAGACTCTCTGGGCTCCTCATCTCCAGTGAAGCCGCCG
 GGCTAGTGCCAGTGGCGGGCCCGGCAAGACCCTTGAAGTGGCAGGTGTTACAAAGCCGCCGCCCT
 GAGAGTATGCCCCACGTACCCAATCAGCCGTGAGAGGCAGTGCACACTTCTATTTTGAATTGGCGA
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 AACAGGATAATCTGATGCTGGAGAAGCCCTGCATGGCAGTGAAGAGGCCGCCAAGGGTGGGGCGTGTA
 CCCCAGAGTGTGTTTGGAGTGGCTCACCAGTGGTTCTGGCTTTATGAGGAGACAGAGGGCGCTCATCC
 ACAGCCCGTGAAGGGGCTGCAAGCTGTAGTGGCAGTGGCATGAGGGCTGCTGGGGAGGGTGGGCGAGGAC
 TCCTGAGGGTAGGGGCGCCCGAGGACCGAACCTGTTACAGTGGCTGCCGACGAGTGCAGCAGCCG
 CACAGTGGTCCAGTCACTCAGTGGGGTCCAGTTTATATCCAGGTCCAGGACTGGGCGATGGTCAATTCC
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 ACAGGGTGTGCATCCTGCATTCTGGGGCTCAATACCCTTACTCAGTGCAGCCTCCCTCACTTGTCTGCC
 ACTGCTGATCTTCCCTGTCCCTTCCATGGCTCCCATCACAGTCCATCCTTACCACACAGAGCCAGGGC
 TCCCACTGCCACCAAGTGTGGCCTTGGCAGTGTCCACCCAGCATCCACATTTCCAGCCATCCAGGGTGC
 CTAAGTGCCTGCTGAGCAGCAGCCAGCCCTGTTAAGCGGAGGTTTCCACACCCGAGAGGAG
 ACGCACAGTCAAGCCGTGAGTCCACACAGCCTGCACCACCTGCATGCTGCCTACCGTGTGGGATGCTGG
 CACTGGAGATGCTAGGTGCGCGGGCACATAACGATCACCCCAACAATTTCTCCCGCTCCCCCTTACAC
 TGATGATGTCAAATGGTTGCTGGGGCTGGCAGCAAAGCTGGGAGTGAAGTACGTGCACCAAGTTCTGTGTG
 GGGCAGCCAAGGGGTGCTGAGCCGTTTGTGCTGCAGGAGATCGTCATGGAGACGCTGCAGCGGCTGA

ACCCATTTCATGCCACAACCACCTTCGAGCCCCGGCCTTCCACCAGCTGGTGCAGCGCTGTCAGCAGGC
GTACATGCAGTACATCCACCACCGCTTAATTCACCTGACCCCTGCCGACTACGACGACTTCGTGAATGCG
ATCCGCAGCGCCCGCAGCGCCTTCTGCCTGACGCCCATGGGCGTGATGCAGTTCAACGACATCCTGCAGA
ACCTCAAGCGCAGCAAGCAGACCAAGGAGCTGTGGCAGCGGGTCTCCCTGGAGATAGCCACCTTCTCCCC
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271275
Insert Size:	5394 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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_001271275.1 , NP_001258204.1
RefSeq Size:	6026 bp
RefSeq ORF:	5394 bp
Locus ID:	361004
Cytogenetics:	15p16