

Product datasheet for **SC120358**

ZSWIM3 (NM_080752) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZSWIM3 (NM_080752) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSWIM3
Synonyms:	C20orf164; PPP1R174
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_080752, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCTGGGCAGCTGCTTCAAGACCTATGAGGACTTCAAGGAGTGCTTCAGCGCCTACAAAAGGGAGA
ACAGGTGCTCCTTCATTCTCAGGACTGCGTCTCCGTCGCTCCACAACCTCAACCATGGCACCTCCAT
CCGCGAAGACATCCTGTATGTGCAGGTGAAATTTGTCTGCATTCCGACCCAATCAAACAGGAAGAGAACG
CGGGAGGCAGACATGTGCCCAGCGTACTTGCTCCTAAGGTACAACGAGAGACTAGATAGACTATTTATCA
GTGAACTAAACACACAGCACATACATGGTGACTCTAAAGTGGCTAGTCCTGGAGGAGACACCACTGGCAA
ATCTCAAAGACAATGTGCCTGCAGAGACTCCAGCCTGTGCAGCCACAACCAAAAAAGACCTTGACACT
GCCGAGAAGTCCCTGGTTGAGCCATCGTTTTGCCTAGATAAGGTACAAGTGTCTCAAAGCCAGAGCAGG
AAGGCATCACTCCTTCTGACCTGGCCAAGATAGCAAAAGTATGAAGAATTTCTTAAGGTAGATGAGGG
TTCCATGGCTTCCCTCAGTGTGGTGACAGCCAGCACCTGGACCGGCTCAGCTTCCAGAGCAGTAAGATG
ACCGACCTGTTTCCGCTTCCAGAGAATCTCTTGTACACCGGGTGGAGAACACCCAGGGCCACATCC
TCTATGCTTTCTTGGTGGAGAACAAGGAACGAGAAAGTCGAGTGGTGCACTTTGTGTGCTCAAGCGGA
GACAGTCACTCTGTGGCCAAGATGCTGAGCATCTTACAGAGTTCAACTCCGATTGGCCCAAGGTCAAG
GTGGTCTTTGTGGACCTTCATTCCATTACCGGGCTATCCTGCAGGAGATCTTCCCTGCTGCCCGCATCC
TCCTTTCATCTACCACACAACCCGACTCTTGGAGAAGAAGTTGCATCGTAGTTCAGCAAATCCATCCTT
TAAAGGCTCATGAAGGAAGCCCTGCGGGAGGCCGTGTTTGTCACTTCTGAAGCCAGCCTGAAAAATCTC
TGCCAGATGTCCCAGGCCGACTGGATGAGGATCTCTTCAACTTCTGCAGGCCCACTGGTTCACCTGTG
AACTGCTGTGGTACATGCATGTTAGGAAGGGCCTGCTTGCCTGTAAACCTACATGGACAGCCTAGACAT
TGTCACCAGCAAGGTGTCAAGCCTCTTTCGGGAACAGCAGTCGCTGCTGGACTGCATCCTCTGCTTTGTG
GATTACATAGACTTCTTTAATACCAAAGCCTTGAAGAATTGCCACACCTCTCCCAAATTAAGAGAGAG
CTCGGCCGCAAGCATGCCACTGAAGTCCAAGAAGGCTTTTGAATCTGTGGAGAGAGCCTTACCAGCCT
CCCTGCAGAAGAGACCAAGCCAGACGCACAGCAGGTACAGGTACAGCAGCAGTCAACAAGTCCCGCCCTCG
CAGGTTGGCATGCTGGACACCTTGACACAGAGTGGCTCTGAAGTACAGCTACAAGCTGTGCCACAATGAGT
GGGAGGTGGTACAGAATCCACCCACCTGGTGGACATGGCTGGCTCTTCAAGTGGACGTTCAAGCTGTAGA
GGACTCTACCAGGTTAGCAAAGATGGCTGTAGCTGCAGCTGTTCTTTCAACAATGGTACCACCTGCCA
TGCCGACACATTTGGCTCTGCTGCACACCAGCCAGCAGCCGGTGGTGAAGCCATGGTGTGCCCGCGGT
GGCAGAAGAAGTACCAGTACCTCCTTGGGCCAATGGGGAGCTCCAGGATCGTGGTATGGTCCCAAACAC
AGGCCAGCCTGAGAAGCAAGGACGGAACGACATGATTACAGACCTAAGCAGGGAGTTAGCAAACCTGCTC
ATGCAGACCGAGGGGCCAGAGCTGGAGGAACGCTACTCCACCCTGCGCAAGATTGTGGATATCTGGGCTG
GCCCTCCAGCCATCTGAGCTTTTACAGCAGCCAGGAGACTTTAAGGACGTGGGCCGCTCCCTTTCTCT
CTGGGAAAGCAAGAAGAAGGGGAGGATTCCCTCCTGCTACAGCTGTGATGCATTATTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_080752 unedited</p> <pre> NNNGGGGGGTTCAAATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGCA CCCCCTTCTCTTGTAAACCCGGTCAGGCCTAGGGTTCTCCCTGAGTTCCAGAATAGGCC ACCCAGTTGGGGCGGACCCTTAAGGCATTCTGGGCCACGCCTGCCTATAAACCCTCATA GTGTGACCTTTGACCCCTGGTGTGATCTGGGCCCGGGCTGGGACCAGCCCTAGTGTGG GTTGTGGGGCGGCCATGGAGCTGGGCAGCTGCTTCAAGACCTATGAGGACTTCAAGGAG TGCTTCAGCGCCTACAAAAGGGAGAACAGGTGCTCCTTCACTTCTCAGGGACTGCGTCTCC GTCCGCTTCCACAACCTCAACCATGGCACCTCCATCCGCGAAGACATCCTGTATGTGCAG GTGAAATTTGTCTGCATTTCGGACCCAATCAAACAGGAAGAGAAACGCGGAGGCAGACATG TGCCCCAGCGTACTTGTCTCCTAANGGTACACGAGAGACTAGATAGACTATTTATCAGTGA ACTAAACACACAGCACATACATGGTGACTCTAANGTGGCTAGTCTGGAGGAGACACCAC TGGNCAATCTCAAAGACATGTGCCTGCAGAGACTNCAGNNCTGTGCAGCCACACCAA AAAGACCTTGACACTGNCGAGAAGTCCCCTGGNTGAGCCATCGNTTTGCCTAGATAAGGT ACAGTGCCTCAAGCCAGAGCAGGAAGGCATCACTTCTTCTGACCTGGNNCAGATAGCAA AGTGATGAAGAACTTCTTTAAGTAGATGAAGGTTCCATGGCTTNCCTCAGGGGGGNTGA CANCAGCACCTGGACCGNTCAGCTTCAAAGCAGTAGATGACCGACTGTATNCGCTTC CAGAGAATCTCTGCTCAACCGTNTGGAGACACCCANGC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_080752 unedited</p> <pre> NNCGGCCATCTAGNACGGGCCGATTCTANGATCGTTTTTTTTTTTTTTTTTTTAAATT TTATTAATAAACTTTAATATGAATAAAAAGTTACAAATAAGATTCTTCATAAAGAGCA GCAACAGCCAAAGATCATCCTCATTCCCTTTGTCCTGAAAACAGGCCCTTTACCAGAC CGATTTTGTCTCACCTAACCTGAGGCAGGGATTCATCTTGCAGAGCAATAAGATCTG ATCTCAGGGGCTGGGGGAGGAAGAGGGTGACCTTGCAGCACGGAGATAACTTTGGCCTTG AACAACTGAAGCTCCCAAGGAATGCCAAAAGTAGGGCTGAAAAGGGGAGATTGAAA GGACTGTCACACAGTGGAGTTCCCTTCTCTACTGTAACAATATTCCTAGCCCCACCT AGGAAGACTGGCTAAAATGCTAAACCCTAGTATGTCCTGCCCACTTTAACTCTCACA CTTCCAAGGAGAAGTGTGGTCCAATGCTTCAGCTAAAGTGTTCATAAATGCATCA CAGCTGTAGCAGGAGGAATCCCTCCCTTCTTCTTCTTCCCAGAGGAAAGGGAGGC GGCCACGTCTTAAAGTCTCCTGGCTGCTGAAAGAGCTCANATGGCTGGGAGGGGCCAG CCCAGATATCCACAATCTTGCAGAGGGTGGAGTAGCGTTCTCCAGCTCTGGCCCTCGG TCTGCATGAGCAGTTTGTACTCCCTGCTTAAAGTCTGGATCATGTCGTTCCGCTCCT GCTTCTCAGGCTGGCCTGTGTTGGGACATACCACGATCCTGGAGCTCCCCATTGGGCCA AAGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_080752
Insert Size:	3000 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_080752.2](#), [NP_542790.2](#)

RefSeq Size: 2789 bp

RefSeq ORF: 2091 bp

Locus ID: 140831

UniProt ID: [Q96MP5](#)

Cytogenetics: 20q13.12

Domains: ZnF_PMZ, SWIM