

Product datasheet for **SC317001**

WSB1 (NM_015626) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	WSB1
Synonyms:	SWIP1; WSB-1
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_015626 edited
GCGCTTTAGGGGAAGTGTCTTCTCCGAGGCGCGAGGCTGGGTACAGGGTCTATTGTCT
GTGGTTGACTCCGTACTTTGGTCTGAGGCCTTCGGGAGCTTTCCCGAGGCAGTTAGCAGA
AGCCGCAGCGGCCGCCCGCCGCTCCTCTGTCCCTGGGCCCGGAGGGACCAACTTG
GCGTCACGCCCTCAGCGGTCGCCACTCTCTTCTGTGTGGGTCCGCATCGTATTCC
CGGAATCAGACGGTGCCCATAGATGGCCAGCTTTCCCGAGGGTCAACGAGAAAGAGA
TCGTGAGATTACGTACTATAGGTGAACCTTTAGCTCCTGCAGCTCCTTTTGACAAGAAAT
GTGGTCGTGAAAATTGGACTGTTGCTTTTGTCCAGATGGTTCATCTTTGCTTGGTCAC
AAGGACATCGCACAGTAAAGCTTGTCCGTGGTCCCAGTGCCTTCAGAACTTTCTCTTGC
ATGGCACCAAGAATGTTACCAATTCAGCAGTTTAAGATTGCCAAGACAAAATAGTGATG
GTGGTCAGAAAAATAAGCCTCGTGAACATATTAGACTGTGGAGATATAGTCTGGAGTC
TTGCTTTTGGGTTCATCAGTTCCAGAAAAACAGAGTCGCTGTGTAATATAGAATGGCATC
GCTTCAGATTTGGACAAGATCAGCTACTTCTGTACAGGGTTGAACAATGGGCGTATCA
AAATATGGGATGTATACAGGAAACTCCTCCTTAAGTTGGTAGATCATACTGAAGTGG
TCAGAGATTTAACTTTTGTCCAGATGGAAGCTTGATCCTGGTGTGAGCTTCAAGAGACA
AACTCTCAGAGTATGGGACCTGAAAGATGATGAAACATGATGAAAGTATTGAGGGGGC
ATCAGAAATGGGTGTACAGCTGTGCATTCTCTCTGACTCTTCTATGCTGTGTCAGTCG
GAGCCAGTAAAGCAGTTTCTTTTGAATATGGATAAATACACCATGATACGAAACTAG
AAGGACATCACCATGATGTGGTAGCTTGTGACTTTTCTCTGATGGAGCATTACTGGCTA
CTGCATCTTATGATACTCGAGTATATATCTGGGATCCACATAATGGAGACATTCTGATGG
AATTTGGGCACCTTTTCCCCACCTACTCCAATATTTGCTGGAGGAGCAAATGACCGGT
GGGTACGATCTGTATCTTTAGCCATGATGGACTGCATGTTGCAAGCCTTGCTGATGATA
AAATGGTGAGGTTCTGGAGAATTGATGAGGATTATCCAGTGCAAGTTGCACCTTTGAGCA
ATGGTCTTTGCTGTGCCTTCTCTACTGATGGCAGTGTTTTAGCTGCTGGGACACATGACG
GAAGTGTGATTTTTGGGCCACTCCACGGCAGGTCCCTAGCCTGCAACATTTATGTCGCA
TGTCATCCGAAGAGTGATGCCACCCAAGAAGTTCAGGAGCTGCCGATTCTTCCAAGC
TTTTGGAGTTTCTCTCGTATCGTATTTAGAAGATTCTGCCTTCCCTAGTAGTAGGGACTG
ACAGAATACACTTAACACAAACCTCAAGCTTTACTGACTTCAATTATCTGTTTTTAAAGA
CGTAGAAGATTTATTTAATTTGATATGTTCTTGTACTGCATTTTGATCAGTTGAGCTTTT
AAAATATTATTTATAGACAATAGAAGTATTTCTGAACATATCAAAATATAAATTTTTTAA
AGATCTAACTGTGAAAACATACATACCTGTACATATTTAGATATAAGCTGCTATATGTTG
AATGGACCCTTTTGTCTTTCTGATTTTGTCTGACATGTATATTTGCTTCAGTAGAG
CCACAATATGTATCTTTGCTGTAAAGTGCAAGGAAATTTAAATTTCTGGGACACTGAGTT
AGATGGTAAATACTGACTTACGAAAGTTGAATTTGGGTGAGGCGGGCAAAATCACCTGAGGT
CAGCAGTTTGAGACTAGCCTGGCAACATGATGAAACCCTGTCTCTACTAAAAATACAAA
AAAAAAAAAAAAATTAGCCAGGCGTGGTGGTGACACCTGTAGTCCTAGCTACTTGGGAGG
CTGAGGCAGGAGAATTGCTTGAACCCAGGAGGTGGAGGTTGCAGTAAGCCAAGATCACAC
CACTGCACTCCAACCTGGACAACAGAGCGAGACTCCATCTCAAAAAAAAAAAAAAAAAAA
AA
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5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_015626 unedited
 GAGGTTTTGTATACGACTCCTATAGGGCGGCCGCTATATTCGGCACGAGGGCGCTTTAG
 GGGAACTGTCTTCTCCGACGGCGCAGGCTGGGTACAGGGTCTATTGTCTGTGGTTGAC
 TCCGTACTTTGGTCTGAGGCCCTTCGGGAGCTTTCCCGAGGCAGTTAGCAGAAAGCCGCAGC
 GGCCGCCCCCGCCGCTCTCTGTCCCTGGGCCCGGAGGGACCAACTTGGCGTCACGC
 CCCTCAGCGGTGCGCACTCTCTTCTGTGTTGGGTCCGCATCGTATCCCGAATCAG
 ACGGTGCCCATAGATGGCCAGCTTTCCCGGAGGGTCAACGAGAAAGAGATCGTGAGAT
 TACGTACTATAGGTGAACCTTTAGCTCCTGCAGCTCCTTTTGACAAGAAATGTGGTCGTG
 AAAATTGGACTGTTGCTTTTGCTCCAGATGGTTCATACTTTGCTTGGTCACAAGGACATC
 GCACAGTAAAGCTGTTCCGTGGTCCCAGTGCCTTCAGAACTTTCTCTTGCATGGCACCA
 AGAATGTTACCAATTCAAGCAGTTTAAGATTGCCAAGACAAAATAGTGATGGTGGTCAGA
 AAAATAAGCCTCGTGAACATATTATAGACTGTGGAGATATAGTCTGGAGTCTTGCTTTTG
 GGTCATCAGTTCAGAAAAACAGAGTCGCTGTGTAATATAGAATGGCATCGCTTCAGAT
 TTGGACAAGATCAGCTACTTCTTGCTACAGGGTTGAACAATGGCGTATCAAAATATGGG
 ATGTATATACAGGAAACTCCTCTTAACCTGGTAGATCATACTGAAGTGCAGAGATTTA
 CTTTTGCTCAGATGAGCTGTGTGTCAGCTTCAGAAGACAAACTTCTCAAGAAGTTA
 TGGACCTGAAAGAATGAATG

3' Read Nucleotide
Sequence:

>OriGene 3' read for NM_015626 unedited
 CGCGATGCACCTTCAGGGCCGGAAGCACTGGGGAGGGGTACAGGGATGCCACCCGGGATC
 TGTTACAGGAAACAGCTATGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTT
 TTTTGTAGATGGAGTCTCGCTCTGTGTCCAGGTTGGAGTGCAGTGGTGTGATCTTGGCT
 TACTGCAACCGCCACCTCCTGGGTTCCCTCTATTTTCTGCCTTGGCCTCCGGAGTAAC
 TCGATTTCTGGTGTGCCCCACCGCGCCTGGAAAAATTTTTTTTTTTTCTGCTATTTTGTG
 GACAAGGGTTTCATCCGTTTGGAGGGCGACAGCATCCGGCTGACCCAAGGGATACAGACC
 GCCCCACCAAGTCAACTTAAGTCAGATGGAACGAGTACGAACTCCAGGCCCGGCAAGG
 AAACCAAGTACGGCAGTACATCGTCTAAGACTTTGCGATCTAGACTGGGAGTGCCGCCT
 GAACCAACTATGGTGGGGAATCTGAAGGTTCCAAAAGCAGCGAAACCTCTATTTCCAA
 TATAGGAGAAGCCTCGGTGTTGAAGATTTAAATCATAAACTTATGGCTGATCTTAT
 GGAACCAAGGAGAGGGGGTTGGTATCGCGACGGAGGAGCATGCTGAATC

Restriction Sites:

Please inquire

ACCN:

NM_015626

Insert Size:

2200 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:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015626.8, NP_056441.6</u>
RefSeq Size:	2849 bp
RefSeq ORF:	1266 bp
Locus ID:	26118
UniProt ID:	<u>Q9Y6I7</u>
Cytogenetics:	17q11.1
Domains:	SOCS, WD40
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the WD-protein subfamily. This protein shares a high sequence identity to mouse and chick proteins. It contains several WD-repeats spanning most of the protein and an SOCS box in the C-terminus. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes the longest isoform (1).