

Product datasheet for **SC312769**

WSB1 (NM_134265) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	WSB1
Synonyms:	SWIPI; WSB-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312769 representing NM_134265. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAGCTTTCCCGAGGGTCAACGAGAAAGAGATCGGAAACTCCTCTTAAGTTGGTAGATCAT
ACTGAAAGTGGTCAGAGATTTAACTTTTGCTCCAGATGGAAGCTTGATCCTGGTGTGAGCTTCAAGAGAC
AAAAGTCTCAGAGTATGGGACCTGAAAGATGATGGAACATGATGAAAGTATTGAGGGGGCATCAGAAT
TGGGTGTACAGCTGTGCATTCTCTCTGACTCTTCTATGCTGTGTTGAGTCGGAGCCAGTAAAGCAGTT
TTCCTTTGGAATATGGATAAATACACCATGATACGAACTAGAAGGACATCACCATGATGTGGTAGCT
TGTGACTTTTCTCCTGATGGAGCATTACTGGCTACTGCATCTTATGATACTCGAGTATATATCTGGGAT
CCACATAATGGAGACATTCTGATGGAATTTGGGCACCTGTTTCCCCCACCTACTCCAATATTTGCTGGA
GGAGCAAATGACCGGTGGGTACGATCTGTATCTTTAGCCATGATGGACTGCATGTTGCAAGCCTTGCT
GATGATAAAATGGTGAGTTCTGGAGAATTGATGAGGATTATCCAGTGCAAGTTGCACCTTTGAGCAAT
GGTCTTTGCTGTGCCTTCTACTGATGGCAGTGTGTTAGCTGCTGGGACACATGACGGAAGTGTGTAT
TTTTGGGCCACTCCACGGCAGGTCCCTAGCCTGCAACATTTATGTCGCATGTCAATCCGAAGAGTGATG
CCCACCCAAGAAGTTCAGGAGCTGCCGATTCCTTCCAAGCTTTTGGAGTTTCTCTCGTATCGTATTAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_134265
Insert Size:	828 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:	NM_134265.2
RefSeq Size:	2411 bp
RefSeq ORF:	828 bp
Locus ID:	26118
UniProt ID:	Q9Y6I7
Cytogenetics:	17q11.1
Domains:	SOCS, WD40
Protein Families:	Druggable Genome
MW:	30.9 kDa
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 (2) lacks two in-frame exons in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.