

Product datasheet for SC113401

WSB2 (NM_018639) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WSB2 (NM_018639) Human Untagged Clone
Tag:	Tag Free
Symbol:	WSB2
Synonyms:	SBA2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113401 sequence for NM_018639 edited (data generated by NextGen Sequencing)

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ATGGAGCCGGAGAGGAACCGCTGCTGCTGGCCGAACCAAGCCCGGGCCGCCACCAG
TTTGATTGGAAGTCCAGCTGTGAAACCTGGAGCGTCGCCTTCTCCCCAGATGGCTCTGG
TTTGCTTGGTCTCAAGGACACTGCATCGTCAAACCTGATCCCTGGCCGTTGGAGGAGCAG
TTCATCCCTAAAGGGTTTGAAGCCAAAAGCCGAAGTAGCAAAAATGAGACGAAAGGGCGG
GGCAGCCCAAAAGAGAAGACGCTGGACTGTGGTCAGATTGTCTGGGGGCTGGCCTTCAGC
CCGTGGCCTTCCCCACCCAGCAGGAAGCTCTGGGCACGCCACCACCCCAAGTGCCCGAT
GTCTCTTGCTGGTCTTGCTACGGGACTCAACGATGGGCAGATCAAGATCTGGGAGGTG
CAGACAGGGCTCCTGCTTTTGAATCTTTCCGGCCACCAAGATGTCGTGAGAGATCTGAGC
TTCACACCCAGTGGCAGTTTGATTTTGGTCTCCGCGTCACGGGATAAGACTCTTCGCATC
TGGGACCTGAATAAACACGGTAAACAGATTCAAGTGTTATCGGGCCACCTGCAGTGGGTT
TACTGCTGTTCCATCTCCCCAGACTGCAGCATGCTGTGCTCTGCAGCTGGAGAGAAGTCG
GTCTTTCTATGGAGCATGAGGTCTACACGTTAATTCGGAAGCTAGAGGGCCATCAAAGC
AGTGTGTCTCTTGTGACTTCTCCCCGACTCTGCCCTGCTTGTACGGCTTCTTACGAT
ACCAATGTGATTATGTGGGACCCCTACACCGCGAAAGGCTGAGGTCACTCCACCACACC
CAGGTTGACCCCGCCATGGATGACAGTGACGTCCACATTAGCTCACTGAGATCTGTGTGC
GCCCTGGAAGTAAAACCTCCATTGCAATTTGCTCCTATGACCAATGGGCTTTGCTGCACA
TTTTTTCCACATGGTGGAGTCATTGCCACAGGGACAAGAGATGGCCACGTCCAGTTCTGG
ACAGCTCCTAGGGTCTGTCTCACTGAAAGCACTTATGCCGAAAAGCCCTTCGAAGTTTC
CTAACAACTTACCAAGTCTAGCACTGCCAATCCCAAGAAAATGAAAGAGTTCTCTACA
TACAGGACTTTTTAA

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Clone variation with respect to NM_018639.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018639 unedited
 TGTACATATTGTATACGACTCACTATAGGGCGGCCGNAATTCGCACGAGGCCTGCCG
 CGGGGGCCGCTCGCGTCTCCTGGAGGCCGGAGAGGAACCGCTGCTGCTGGCCGAACCTCA
 AGCCCCGGCGCCCCACCAAGTTTGATTGGAAGTCCAGCTGTGAAACCTGGAGCGTCGCCT
 TCTCCCCAGATGGCTCCTGGTTTGGTTGGTCTCAAGGACACTGCATCGTCAAACCTGATCC
 CCTGGCCGTTGGAGGAGCAGTTCATCCCTAAAGGGTTTGAAGCCAAAAGCCGAAGTAGCA
 AAAATGAGACGAAAGGGCGGGCAGCCAAAAGAGAAGACGCTGGACTGTGGTCAGATTG
 TCTGGGGGCTGGCTTTCAGCCCGTGGCCTTCCCCACCCAGCAGGAAGCTCTGGGCACGCC
 ACCACCCCAAGTGCCCCGATGTCTTGGCTGGTTCTTGCTACGGGACTCAACGATGGGC
 AGATCAAGATCTGGGAGGTGCAGACAGGGCTCCTGCTTTTGAATCTTCCGGCCACCAAG
 ATGTCGTGAGAGATCTGAGCTTACACCCAGTGGCAGTTTGATTTTGGTCTCCGCGTCAC
 GGGATAAGACTCTTCGCATCTGGGACCTGAATAAACACGGTAAACAGATTCAAGTGTAT
 CGGGCCACCTGCAGTGGGTTTACTGCTGTCCATCTCCCAGACTGCAGCATGCTGTGCT
 CTGCAGCTGGAGAGAAGCCGTCTTCTATGGAGCATGAAGTCCCTACACGTTATTCGGAA
 GCTAGAGGGCCATCAAAGCAGTGTGCCTCTTGGGACTCTCCCCGACTTTGCCCTGCT
 TGTACGCTTCTACGATACCATGTGAATATGTGGGACCCCTACACGCGGAAAGGCTG
 AGTCCCTCN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018639 unedited
 TGGCACTTTCCAGGGCCAGGNAGNAGCACTGGGGAGGGGTCACAGGGATGCCACCCGGG
 ATCTGTTCCAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTCGTACATAAGAGTATCAGCTAAAGTCATGACTACCCCAAT
 TCTTTACACAATTAACATCTTTGCAACTGTTCAATTTAAGTACTATGGTTTTTAAATA
 ATCGAGAAAAACAGTTGTACCTTAACATCTGTTGAGAAAAATACAAATAAATATGATGC
 TAATAAAGGGCCACTGATAACTCAGTAGCCATCTGAATAGTCATGCGGTTTAAAAATACA
 TCCTTGTATAATCTGACATACAAATTTGTCATTTCTGCACATGCACACCATTGTTAAAN
 NNCAAAAAAAAAAGCCAGTAATAGGGTCTGGATCGGTACAGGAGCACGGCCTCTGAGTCC
 CCTGTAATTTAGTTAAGCTAAATTAATACCTCATAACAAAGGGCTCCAGGAAAACGTCC
 TGCAGGTCAAAGGGAGCCAAAAAAGCATTGGCCAACATCGAAGCAACTTTGAC
 CACAGCAGGAGAGAAGTGAACCAATGCTACCACTGCATCAGAAACACAAGGATAGGTAC
 TAGGAAAAGCCATCGTCCCAGCGAGGGGAGTGTGAGCTGCTGCCACTGAGAGGCTC
 TGGAGGCTACGCGCANNAGCCAAACAACCTAGTAACCTGACTTTGAATCACAACAGC
 AGAAAGAGTTAACTGCTGTTTATACTGGACTGANATTTACGTAGGGCTTTGTTGCCG
 GCAAGGGAATTTCTTTTAACTGACTTTCCTTGCCGGAGAAAAATCCTGGCTAGACC
 GGAACGGGTTGGCACATCCTTCCCC

Restriction Sites:

ECoRI-NOT

ACCN:

NM_018639

Insert Size:

2140 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_018639.3](#), [NP_061109.1](#)

RefSeq Size: 2833 bp

RefSeq ORF: 1215 bp

Locus ID: 55884

UniProt ID: [Q9NYS7](#)

Cytogenetics: 12q24.23

Domains: SOCS, WD40

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the WD-protein subfamily. The encoded protein contains five WD-repeats spanning most of the protein and an SOCS box in the C-terminus. The SOCS box may act as a bridge between specific substrate-binding domains and E3 ubiquitin protein ligases. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]
Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform 1.