

## Product datasheet for **SC334362**

### WSB2 (NM\_001278558) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WSB2 (NM_001278558) Human Untagged Clone
Tag:	Tag Free
Symbol:	WSB2
Synonyms:	SBA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278558, the custom clone sequence may differ by one or more nucleotides

```
ATGCTGTGCTCTGCAGCTGGAGAGAAGTCGGTCTTTCTATGGAGCATGAGGTCCTACACGTTAATTCGGA
AGCTAGAGGGCCATCAAAGCAGTGTGTCTCTTGTGACTTCTCCCCGACTCTGCCCTGCTGTACAGGC
TTCTTACGATACCAATGTGATTATGTGGGACCCCTACACCGCGAAAGGCTGAGGTCACCTCACCACACC
CAGGTTGACCCCGCCATGGATGACAGTGACGTCCACATTAGCTCACTGAGATCTGTGTGCTTCTCTCCAG
AAGGCTTGTACCTTGCCACGGTGGCAGATGACAGACTCCTCAGGATCTGGGCCCTGGAAGTAAAATCC
CATTGCATTTGCTCCTATGACCAATGGGCTTTGCTGCACATTTTTCCACATGGTGGAGTCATTGCCACA
GGGACAAGAGATGGCCACGTCCAGTTCTGGACAGCTCCTAGGGTCTGCTCCTCACTGAAGCACTTATGCC
GGAAAGCCCTTCGAAGTTTCTAACAACCTACCAAGTCTAGCACTGCCAATCCCCAAGAAAATGAAAGA
GTTCTCACATACAGGACTTTTTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278558
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).



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**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\\_001278558.1](#), [NP\\_001265487.1](#)

**RefSeq Size:** 2521 bp

**RefSeq ORF:** 585 bp

**Locus ID:** 55884

**UniProt ID:** [Q9NYS7](#)

**Cytogenetics:** 12q24.23

**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 (3) differs in the 5' UTR and coding sequence and lacks two internal exons compared to variant 1. The resulting isoform (3) is shorter at the N-terminus compared to isoform 1.