

Product datasheet for **SC315060**

SORBS1 (AF136381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SORBS1 (AF136381) Human Untagged Clone
Tag:	Tag Free
Symbol:	SORBS1
Synonyms:	CAP; FLAF2; R85FL; SH3D5; SH3P12; SORB1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AF136381, the custom clone sequence may differ by one or more nucleotides

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ATGAGTTCCTGAATGTGATGGTGGTTCCAAAGCTGTTATGAATGGCTTGGCATCTGGCAGC
AATGGGCAAGACAAAGCAACTGCCGACCCTTTACGCGCACGCTCTATTTCTGCTGTAA
ATCATTCTGTGAAGACAGTAAAAACGCCTCAGGCCTAGTTCTCCCTACAGACATGGAT
CCTACAAAAATCTGCACTGGGAAGGGAGCGGTGACTCTCCGGGCCTCGTCTTCTACAGG
GAAACCCCAAGCAGTAGCCCTGCGAGCCCTCAGGAAACCCGGCAACACGAAAGCAAACCA
GGTGAATGGAACTTTCTCCAGTGCTGATGCCAATGAAATGCCAGCCCTCTTCACTC
GCTGTCAAGGGCTCTAGAAGTGTGCATCCCAACCTTCTTCTGACAAGTCCCAGGATGCC
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GACAGAGGGCAAGAAGGCACTGCCAGACCTCCAACACCTCTGGGGCTCTTGGCTGCGTC
CCCACAATCCCAGCGACTGCCTCTGCCGCCTCACCTCTGACCTTCCCAGCTCTAGATGAT
TTCATTTCCCTCATCTGCAGAGGTGGCCCCACCACAGCCAGCCCGCCAGTGTGTGGC
TCCTTTGCCCCATTAGCCAGACGCCACCATCTTCTCACCACCCTCCGCTGGTCCCT
CCTGCCCGGAGGACCTCCGAGAGTCTCGGAGCCTGACCTCCCGGGAGCTGTCTCAAGT
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GACTGCTCTATCCTTCTAGAGAGGATAGAAAGACTAATCTAGACAAAGAACTCAGCTTC

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TGCCAGACAGAGTTAGAGGCAGATTTAGAAAAATGGAGACGCTTAATAAAGCACCCAGT
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GGATATATATATTCTTCCAACCTCCACGCAGTGAAGAGGGAAATCAGACGGGGCTCCTGGG
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ACCTCACAAAGATTTATTTAGCTATCAAGCATTATATAGCTATATACCACAGAATGATGAT
GAGTTGGAACCTCCGCGATGGAGATATCGTTGATGTCATGGAAAAATGTGACGATGGATGG
TTTGTGGTACTTCAAGAAGGACAAAGCAGTTTGGTACTTTTCCAGGCAACTATGTA AAA
CCTTTGTATCTA
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Restriction Sites:

Please inquire

ACCN:

AF136381

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.

RefSeq:

[AF136381.1](#), [AAF22175.1](#)

RefSeq Size:

3015 bp

RefSeq ORF:

3015 bp

Locus ID:

10580

Cytogenetics:	10q24.1
Domains:	SH3, Sorb
Protein Families:	Druggable Genome
Protein Pathways:	Adherens junction, Insulin signaling pathway, PPAR signaling pathway
Gene Summary:	This gene encodes a CBL-associated protein which functions in the signaling and stimulation of insulin. Mutations in this gene may be associated with human disorders of insulin resistance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]