

Product datasheet for **SC305206**

SORBS1 (NM_024991) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SORBS1 (NM_024991) Human Untagged Clone
Tag:	Tag Free
Symbol:	SORBS1
Synonyms:	CAP; FLAF2; R85FL; SH3D5; SH3P12; SORB1
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024991, the custom clone sequence may differ by one or more nucleotides

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ATGAGTTCCTGAATGTGATGGTGGTTCCAAAGCTGTGATGAATGGCTTGGCACCTGGCAGC
AATGGGCAAGACAAGCAACTGCCGACCCTTTACGCGCACGCTCTATTTCTGCTGTTAAA
ATCATTCTGTGAAGACAGTGAAAAACGCTCAGGCCTAGTTCTCCCTACAGACATGGAT
CCTACAAAAATCTGCACTGGGAAGGGAGCGGTGACTCTCCGGGCCTCGTCTTCTACAGG
GAAACCCCAAGCAGTAGCCCTGCGAGCCCTCAGGAAACCCGGCAACACGAAAGCAAACCA
GGTCTGGAGCCAGAGCCTTCTTCAGCAGATGAGTGGAGGCTTTCTTCCAGTGCTGATGCC
AATGGAATGCCAGCCCTCTTCACTCGCTGCCAAGGGCTACAGAAGTGTGCATCCCAAC
CTTCTTCTGACAAGTCCCAGGATTCCAGTCTCTACTAAATGAAGTTTCTTCTCCCTT
ATTGGAAGTATTCCAAGCCTTTCCATCAGTTAGCAAGCCTTCATCCGCCTATCCCTCC
ACAACGATTGTCAATCTACTATTGTGCTTTCGCAACACAATCGAGAACAGCAAAAAACGA
CTCAGTAGCCTTTCAGATCCTGTCTCAGAAAGAAGAGTGGGAGAGCAGGACTCAGCACCA
ACCCAGGAAAAACCCACCTCACCTGGCAAGGCTATTGAAAAAAGAGCAAAGGATGACAGT
AGGCGGGTGGTGAAGAGCACTCAGGACTTAAGCGATGTTTCCATGGATGAAGTGGGCATC
CCACTCCGGAACACTGAGAGATCAAAGACTGGTACAAGACTATGTTTAAACAGATCCAC
AAACTGAACAGAGATGATGATTAGATCTGTACTCTCCAGATACTCATTCTTCTGAAGAC
ACAAAACTCCCCCTTCTGTGCCTCGCTCAAAAAGTGAGATGAGCTACATTGATGGTGAG
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AGCTCAGAAAAGAAATGACTGGGAACCCCGAGATAAGAAAGTAGACACAAGAAAATATCGT
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AAGATGAGCTCAGCCATCAGCCCTACTCCGAAATTTCTTCCAGAGACTCCTGGATATATA
TATTCTTCCAACCTCCATGCAGTGAAGAGGGAATCAGACGGGGCTCCTGGGGATCTCACT
AGCTTGGAGAATGAGAGACAAATTTATAAAAAGTGTCTTGGAAAGTGGTGACATCCCTCTT
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CCAAGACATTTTATACCAGCTGATTACTTGAATCCACGGAAGAATTTATTGAAAGAGCT
CATGATGATAAAGAGAACTTTTAGCGGACCAGAGACGACTTAAACGCGAGCAAGAAGAG
GCTGATATTGCAGCTCGACGCCACACAGGCGTCAATCCGACGCACCATCAGTTTATCACT
AATGAGCGCTTTGGGGACCTCCTCAATATAGACGATACTGCAAAAAGGAAATCTGGGTCA
GAGATGAGACCTGCCAGAGCCAAATTTGACTTTAAAGCTCAGACACTAAAGGAGCTTCT
CTGCAGAAGGGAGATATTGTTTACATTTATAAGCAAATGATCAGAACTGGTATGAAGGA
GAACACCACGGCCGGGTGGGAATCTTCCACGCACCTACATCGAGCTTCTTCTCCTGCT
GAGAAGGCACAGCCAAAAAGTTGACACCAAGTGCAGGTTTTGGAATATGGAGAAGCTATT
GCTAAGTTAACTTTAATGGTGATACACAAGTAGAAAATGTCTTTCAGAAAAGGGTGAAGG
ATCACACTGCTCCGGCAGGTAGATGAGAACTGGTACGAAGGGAGGATCCCGGGGACATCC
CGACAAGGCATCTTCCCATCACCTACGTGGATGTGATCAAGCGACCACTGGTAAAAAC
CCTGTGGATTACATGGACCTGCCTTTCTCCTCCTCCCAAGTTCGAGTCCCACTGCAAGC
CCACAGCAACCTCAAGCCAGCAGCGAAGAGTCAACCCCGACAGGAGTCAAACCTCACAA
GATTTATTTAGCTATCAAGCATTATATAGCTATATACCACAGAATGATGATGAGTTGGAA
CTCCGCGATGGAGATATCGTTGATGTATGGAAAAATGTGACGATGGATGGTTTGTGGT
ACTTCAAGAAGGACAAAGCAGTTTGGTACTTTTCCAGGCAACTATGTA AACCTTTGTAT
CTATAA

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Restriction Sites: Please inquire

ACCN: NM_024991

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:	<ol style="list-style-type: none"> 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:	<u>NM_024991.1</u> , <u>NP_079267.1</u>
RefSeq Size:	5874 bp
RefSeq ORF:	2346 bp
Locus ID:	10580
UniProt ID:	<u>Q9BX66</u>
Cytogenetics:	10q24.1
Protein Families:	Druggable Genome
Protein Pathways:	Adherens junction, Insulin signaling pathway, PPAR signaling pathway
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (6) has multiple differences in the coding region but maintains the reading frame, compared to variant 3. This variant encodes isoform 6 which is shorter than isoform 3.</p>