

## Product datasheet for **SC337566**

### **SORBS1 (NM\_001290298) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SORBS1 (NM_001290298) Human Untagged Clone
Tag:	Tag Free
Symbol:	SORBS1
Synonyms:	CAP; FLAF2; R85FL; SH3D5; SH3P12; SORB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001290298, the custom clone sequence may differ by one or more nucleotides

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ATGAGTTCCTGAATGTGATGGTGGTTCCAAAGCTGTGATGAATGGCTTGGCACCTGGCAGCAATGGGCAAG
ACAAAGCAACTGCCGACCCTTTACGCGCACGCTCTATTTCTGCTGTTAAAATCATTCTGTGAAGACAGT
GAAAAACGCCTCAGGCCTAGTTCTCCCTACAGACATGGATCCTACAAAAATCTGCACTGGGAAGGGAGCG
GTGACTCTCCGGGCTCGTCTTCTACAGGAAACCCCAAGCAGTAGCCCTGCGAGCCCTCAGGAAACCC
GGCAACACGAAAGCAAACCAGATGAGTGGAGGCTTTCTCCAGTCTGATGCCAATGGAATGCCAGCC
CTCTTCACTCGCTGCCAAGGGCTACAGAAGTGTGCATCCCAACCTTCTTCTGACAAGTCCCAGGATTCC
AGTCTCTACTAAATGAAGTTTCTTCTCCCTTATTGGAAGTATTCCCAAGCCTTCCATCAGTTAGCA
AGCCTTCACTCCGCTATCCCTCCACAACGATTGCAATCTACTATTGTGCTCTTGCAACACAATCGAGA
ACAGCAAAAACGACTCAGTAGCCTTTCAGATCTGTCTCAGAAAGAAGAGTGGGAGAGCAGGACTCAGCA
CCAACCCAGGAAAAACCCACCTCACCTGGCAAGGCTATTGAAAAAAGAGCAAAGGATGACAGTAGGCGGG
TGGTGAAGAGCACTCAGGACTTAAGCGATGTTTCCATGGATGAAGTGGGCATCCCACTCCGGAACACTGA
GAGATCAAAAAGACTGGTACAAGACTATGTTTAAACAGATCCACAAAATGAACAGAGACACTCCTGAAGAA
AACCCCTATTTCCCTACGTACAATTCCCTGAACTTCTGAAATCCAGCAAACTTCCGAAGAGGACAATC
CTTACACTCCCACCTACCAGTTTCTGCATCTACTCCTAGTCTAAAATCTGAAGATGATGATTGAGATCT
GTACTCTCCAGATACTCATTCTTCTGAAGACACAAAATCTCCCTTTCTGTGCCTCGCTCAAAAAGTGAG
ATGAGCTACATTGATGGTGAAGGTAGTCAAGAGGTCCGCCACACTACCCTCCCAGCCCGCTCTTCTCT
CACTGAAGTCAAGCTCAGAAAGAAATGACTGGGAACCCCAAGTAAAGAAAGTAGACACAAGAAAAATCG
TGCAGAGCCCAAGAGCATTACGAATATCAGCCTGGCAAGTCTCCGTTCTGACCAACGAAAAGATGAGT
CGGGATAAAGCCAGAAGAGATAGATTTAAAGAATGAACCTTGGTATAAATTCTTTTCGGAATTGGAGT
TTGGGAAACCGAGCTCAGCCATCAGCCCTACTCCGGAAATTTCTCAGAGACTCCTGGATATATATATTC
TTCCAACCTCCATGCAAGTGAAGAGGGAATCAGACGGGGCTCCTGGGGATCTCACTAGCTTGAGAATGAG
AGACAAATTTATAAAAAGTGTCTTGAAGGTGGTGCATCCCTCTCAGGGCCTGAGTGGGCTCAAGCGAC
CATCCAGCTCTGCTTCCACTAAAGATTCAGAATCGCCAAGACATTTTATACCAGCTGATTACTTGGAAATC
CACGGAAGAAATTTATCGAAGACGTCATGATGATAAAGAGAACTTTTAGCGACCAGAGACGACTTAAA
CGCGAGCAAGAAGAGGCTGATTTGCAGCTCGACGCCACACAGGCGTCATTCCGACGCCACCATCAGTTTA
TCACTAATGAGCGCTTTGGGACCTCCTCAATATAGACGATACTGCAAAAAGGAAATCTGGGTGAGAGAT
GAGACCTGCCAGAGCCAAATTTGACTTTAAAGCTCAGACACTAAAGGAGCTTCTCTGCAGAAGGGAGAT
ATTGTTTACATTTATAAGCAAATTTGATCAGAAGCTGGTATGAAGGAGAACCACCGCCGGGTGGGAATCT
TCCCACGCACCTACATCGAGCTTCTTCTCCTGCTGAGAAGGCACAGCCAAAAAGTTGACACCAGTGCA
GGTTTTGGAATATGGAGAAGCTATTGCTAAGTTTAACTTTAATGGTGATACACAAGTAGAAATGTCTTC
AGAAAGGGTGAGAGGATCACACTGCTCCGGCAGGTAGATGAGAAGTGGTACGAAGGGAGGATCCCGGGGA
CATCCCGACAAGGCATCTTCCCATCACCTACGTGGATGTGATCAAGCGACCACTGGTGA AAAACCTGT
GGATTACATGGACCTGCCTTTCTCTCCTCCCAAGTCCGAGTCCCACTGCAAGCCACAGCAACCTCAA
GCCCAGCAGCGAAGAGTCAACCCGACAGGAGTCAAACCTCACAAGATTTATTTAGCTATCAAGCATTAT
ATAGCTATATACCACAGAATGATGATGAGTTGGAACCTCCGCGATGGAGATATCGTTGATGTCATGGAAAA
ATGTGACGATGGATGGTTTGTGGTACTTCAAGAAGGACAAAGCAGTTTGGTACTTTTCCAGGCAACTAT
GTA AAAACCTTTGTATCTATAA
    
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**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001290298

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001290298.1</a></u> , <u><a href="#">NP_001277227.1</a></u>
<b>RefSeq Size:</b>	5888 bp
<b>RefSeq ORF:</b>	2541 bp
<b>Locus ID:</b>	10580
<b>UniProt ID:</b>	<u><a href="#">Q9BX66</a></u>
<b>Cytogenetics:</b>	10q24.1
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Adherens junction, Insulin signaling pathway, PPAR signaling pathway
<b>Gene Summary:</b>	<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 (12) has multiple differences in the coding region but maintains the reading frame, compared to variant 3. The encoded protein (isoform 12) is shorter than isoform 3.</p>