

Product datasheet for **MC228653**

Sorbs3 (NM_001271408) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Sorbs3
Synonyms:	SCAM-1; Sh3d4; SH3P3; vinexin-g
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC228653 representing NM_001271408
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAAGGCCTCCCTGCTGGGCTCAGCCTGGATGATTCATCCCTGGTCACCTCCGAACCCATATAGGCT
CATCTCCCGGGGACAAGGGTGCCAGTGATCCGGAATGGTGGCTCCAACACCCCTAATTTCCAGTTTCA
TGACCTGCGCCCAGGACTGTGTGCAATGGCTGCCCCCACCAGGAGAGATGGTTCCTTGAATCCAGAC
CCAGCATGGTATCAGACCTGGCCAGGCCCTGGGAGCCGGCCCTCTATGAGCCGAAGCCACCTGCTTCCC
AGCATGCCAGAAGTGGTTCAGCCACATGGACCAAGGACAGCAAGCGACAGGACAAGCGCTGGTGAAGTA
CGAGGGAAATCGGGCCCGTGGATGAGAGCGGCATGCCATTGCCCCCGATCTAGTGTGACAGCCCCAGA
GACTGGTATCGAAGAATGTTCCAGCAAATTCACCGGAAAATGCCAGACCTGCAGCTGGACTGGACCTTGG
AAGACCCACCCAAAGTGGTTTCCGCACGCGCCTCTTCTGCAGAACCAGGCATCTAGGGACCCTGCAAAG
ACCTGCCTCCAGGCTGGCACAAGTACTGAGCTTCTAGCGGAAGAACTGGAACCACTCTGAAGAGACATCT
AGAAAACACCTTTAACTATAATTTAGACCATCCTTTCAGGGCTTCATCCCCCAAATCAGGTGCCTAGAC
ATCGAGAGAAAAGTAGAGAATGTCTGGACAGAAGATTCTGGAACCAAGTTTCTGCACGAACTAGAAAAGT
GCATAAGCCTAAGAAACCACTGGTGGATGACCTGTTGAGAAGCCTGCACAGCCATTGAGGTCCTGCTA
GAGAGAACTGGCCAAGCTGAGCGCAGAGCTGGACAAGGACCTGCGGGCCATTGAGACCCGCTGCCGT
CCCCAAGAACTCTCAGGCTCCAGCAGCGCCCTTGAGCAGCCCGCTTGGAGCAGCAGCCCTCAGCCCG
TCTGTCTCAGCCTGGAGGCCAACTCACCGCATGCACCTTACTTCAGTTCTCCCGACCCCTGAGCCCC
CACAGAATGGCAGATGGAGGAGGAAGCCCTTTCTGGGACGTAGAGATTTGTCTACCCTTCTCAGCCC
GAGAGCCTAGCGCCTCTGAAAGGGGTAGCAGCCCTTCGAGGAAAGAAGAGAAGAAGAGGAAGGCCCGCC
GCTCAAGTTTGACTTCCAGGCACAGTCCCCAAGGAGCTGTCTCTGCAGAAGGGTGACATTGTCTATATC
CATAAGGAAGTGGACAAGAAGTGGCTGGAGGGGGAACCACTGGCCGGCTGGGCATCTTCCCAGTAATT
ATGTGGAGGTTCTGCCTGCCGATGAGATTCCTCAAGCCCATCAAGCCGCCACATACCAGGTGCTGGAGTA
TGGCGATGCAGTAGCCAGTATACCTTCAAGGGAGACCTGGAGGTAGAAGTGTCTTCCGAAAGGGAGAA
CGCATCTGCCTGATCCGCAAGGTGAACGAACATTGGTATGAGGGGCGCATCACTGGCACTGGACCGCCAGG
GCATCTTCCCTGCCAGTACGTGCAGATAAACCGAGAGCCCGGCTCAGGCTTGTGATGATGGTCCCCA
GCTCCCTGCATCACCTAACCCGACAACCACTGCTCACCTAAGCAGCCACTCCCACCCCTCTCAATACCT
GTGGACCCCACTGACTGGGAGGTGCAACCTCCCCTCGACGCTCCGCTTCCCTTCCCATCACCTCC
AGGAGCCAGATCCAAACCCAGAGTCTCAATACCCCTGGACCAACCCCTGCCATCTCGAGCCACCAG
CCGTCCCAATAACCTGGGACCTCCTCCCCAACACAGAGATACACTGGACTCCGTACCGGGCCATGTAC
CAGTACAGGCCCCAGAATGAGGACGAGCTGGAACCTCGAGAGGGGGACCGTGTGGATGTATGCAGCAAT
GTGACGATGGCTGGTTGTGGGTGTCTCCCGCGAAGCTCAGAAATTTGGGACATTCCCTGGAATATGT
AGCCCCAGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001271408

Insert Size: 2043 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001271408.1</u> , <u>NP_001258337.1</u>
RefSeq Size:	2945 bp
RefSeq ORF:	2043 bp
Locus ID:	20410
Cytogenetics:	14 36.27 cM
Gene Summary:	Promotes up-regulation of actin stress fiber formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a. Variants 2 and 3 encode the same isoform (b). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.