

Product datasheet for **MC227058**

Sorbs3 (NM_001271409) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sorbs3 (NM_001271409) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sorbs3
Synonyms: SCAM-1; Sh3d4; SH3P3; vinexin-g
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227058 representing NM_001271409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGATGGAGGAGGAAGCCCTTTCTGGGACGTAGAGATTTGTCTACCTTCTCAGCCCGAGAGC
 CTAGCGCCTCTGAAAGGGGTAGCAGCCCTTCGAGGAAAGAAGAGAAGAAGAGGAAGGCCCGCCGCTCAA
 GTTTGACTTCCAGGCACAGTCCCAAGGAGCTGTCTCTGCAGAAGGGTGACATTGTCTATATCCATAAG
 GAAGTGGACAAGAAGTGGCTGGAGGGGAACACCATGGCCGGCTGGGCATCTTCCAGCTAATTATGTGG
 AGGTTCTGCCTGCCGATGAGATTCCTCAAGCCCATCAAGCCGCCACATACCAGGTGCTGGAGTATGGCGA
 TGCAGTAGCCAGTATACCTTCAAGGGAGACCTGGAGGTAGAAGTGTCTTCCGAAAGGGAGAACGCATC
 TGCTGATCCGCAAGGTGAACGAACATTGGTATGAGGGGCGCATCACTGGCACTGGACGCCAGGGCATCT
 TCCCTGCCAGCTACGTGCAGATAAACCGAGAGCCCGGCTCAGGCTTTGTGATGATGGTCCCCAGCTCCC
 TGCATCACCTAACCCGACAACCACTGCTCACCTAAGCAGCCACTCCCACCCCTCCTCAATACCTGTGGAC
 CCCACTGACTGGGAGGTGCAACCTCCCCTCGACGCTCCGCCTTCCCTTCCCCATCACCTCCAGGAGC
 CCAGATCCCAAACCCAGAGTCTCAATACCCCTGGACCAACCCTGTCCCATCCTCGAGCCACCAGCCGCTC
 CATAAACCTGGGACCCTCCTCCCAAACACAGAGATACTGGACTCCGTACCGGGCCATGTACCCAGTAC
 AGGCCCAAGAATGAGGACGAGCTGGAACCTCGAGAGGGGACCGTGTGGATGTCATGCAGCAATGTGACG
 ATGGCTGGTTTGTGGGTGTCTCCCGCGAACTCAGAAATTTGGGACATTCCTGGAAATTATGTAGCCCC
 AGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271409



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Insert Size:	987 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.
RefSeq:	<u>NM_001271409.1, NP_001258338.1</u>
RefSeq Size:	1926 bp
RefSeq ORF:	987 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 (4) differs in the 5' UTR and lacks multiple exons in the coding region, compared to variant 1. It uses an alternate promoter and initiates translation at a downstream in-frame start codon. The encoded isoform (c) has a shorter N-terminus, compared to isoform a. 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.