

Product datasheet for **MC221161**

Sorbs3 (NM_011366) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sorbs3 (NM_011366) Mouse Untagged Clone
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)



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Fully Sequenced ORF: >MC221161 representing NM_011366
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAGGATTCTTGGAGTGGGAAGATCTTCAGCTTCGCTTTGAACAACAAGAAGACAAATGAAAGTG
 ATGTAGCCCTTCTTAGTCCCAAGGACCCTAACAGAGTACACACGAAGGAGCAGCTGGCACATCCTGCGTC
 CTCCAACCTTGACCCAAGCATGCAAGGCCCTCCCTGCTGGGCTCAGCCTGGATGATTTTCATCCCTGGTCAC
 CTCCGAACCCATATAGGCTCATCTCCCGGGGACAAGGGTGCCAGTGATCCGGAATGGTGGCTCCAACA
 CCCTTAATTTCCAGTTTCATGACCCTGCGCCAGGACTGTGTGCAATGGCTGCCCCACCAGGAGAGA
 TGGTTCCTTGAATCCAGACCCAGCATGGTATCAGACCTGGCCAGGCCCTGGGAGCCGGCCCTCTATGAGC
 CCGAAGCCACCTGCTTCCAGCATGCCAGAAGTGGTCCAGCCACATGGACCAAGGACAGCAAGCGACAGG
 ACAAGCGCTGGTGAAGTACGAGGGAATCGGGCCGTGGATGAGAGCGGCATGCCATTGCCCCCGATC
 TAGTGTTGACAGCCCAGAGACTGGTATCGAAGAATGTTCCAGCAAATTCACCGAAAATGCCAGACCTG
 CAGCTGGACTGGACCTTGGAAAGCCACCACAAAGTGGTTCCGACGCGCCCTCTTCTGCAGAACCCAGGC
 ATCTAGGGACCCTGCAAAGACCTGCCTCCAGGCCCTGGCACAACCTGAGACTTCTAGCGGAAGAAAATGGAA
 CCACTCTGAAGAGACATCTAGAAACACCTTTAACTATAATTTTAGACCATCCTCTTCAGGGCTTCATCCC
 CCAATCAGGTGCCTAGACATCGAGAGAAAAGTAGAGAAATGTCTGGACAGAAGATTCTGGAACCAAGTTTC
 TGCACGAACTAGAAAAGGGGCAATAGCCTAAGAAAACCACTGGTGGATGACCCTGTTGAGAAGCCTGCACA
 GCCCATTAGGTCCTGCTAGAGAGAACTGGCCAAGCTGAGCGCAGAGCTGGACAAGGACCTGCGGGCC
 ATTGAGACCCGCTGCCGTCCCCAAGAACTCTCAGGCTCCACGACGGCCCTTGAGCAGCCCGCTTGG
 AGCAGCGCCCTCAGCCGCTCTGCTCAGCCTGGAGGCCAACTCACCAGCATGCACCTTACTTTCAGTTTC
 CTCCCGACCCCTGAGCCCCACAGAATGGCAGATGGAGGAGGAAGCCCTTTCTGGGACGTAGAGATTTT
 GTCTACCTTCTCAGCCGAGAGCCTAGCGCCTCTGAAAGGGTAGCAGCCCTTCGAGGAAAGAAGAGA
 AGAAGAGGAAGGCCGCCGGCTCAAGTTTGACTTCCAGGCACAGTCCCCAAGGAGCTGTCTCTGCAGAA
 GGGTGACATTGTCTATATCCATAAGGAAGTGGACAAGAACTGGCTGGAGGGGGAACACCATGGCCGGCTG
 GGCATCTTCCAGCTAATTATGTGGAGTTCTGCCTGCCGATGAGATTCCAAGCCCATCAAGCCGCCCA
 CATAACAGGTGCTGGAGTATGGCGATGCAGTAGCCAGTATACCTTCAAGGGAGACCTGGAGGTAGAACT
 GTCCTTCCGAAAGGGAGAACGCATCTGCCTGATCCGCAAGGTGAACGAACATTGGTATGAGGGGCGCATC
 ACTGGCACTGGAGCCAGGGCATCTTCCCTGCCAGCTACGTGCAGATAAACCGAGAGCCCGGCTCAGGC
 TTTGTGATGATGGTCCCCAGCTCCCTGCATCACCTAACCCGACAACCACTGCTCACCTAAGCAGCCACTC
 CCACCCCTCCTCAATACCTGTGGACCCCACTGACTGGGGAGGTGCAACCTCCCCTCGACGCTCCGCCCTT
 CCCTTCCCATCACCTCCAGGAGCCAGATCCCAAACCCAGAGTCTCAATACCCCTGGACCAACCCCTGT
 CCCATCTCGAGCCACCAGCCGTCCCAATAACCTGGGACCCTCCTCCCCAACACAGAGATACACTGGAC
 TCCGTACCGGGCCATGTACCAAGTACAGGCCCCAGAATGAGGACGAGCTGGAACCTTCGAGAGGGGGACCGT
 GTGGATGTCATGCAGCAATGTGACGATGGTGGTTGTGGGTGTCTCCCGGCAACTCAGAAATTTGGGA
 CATTCCCTGGAATATGTAGCCCCAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011366

Insert Size: 2202 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).

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_011366.3</u> , <u>NP_035496.1</u>
RefSeq Size:	2948 bp
RefSeq ORF:	2202 bp
Locus ID:	20410
UniProt ID:	<u>Q9R1Z8</u>
Cytogenetics:	14 36.27 cM
Gene Summary:	Promotes up-regulation of actin stress fiber formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest 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.