

## Product datasheet for **MC229480**

### Sorbs2 (NM\_001205219) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sorbs2 (NM_001205219) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sorbs2
Synonyms:	2010203O03Rik; 9430041O17Rik; A530071H08; Argbp2; mKIAA0777; nArgBP2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229480 representing NM_001205219 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAATACAGATAGCGGTGGGTGTGCTCGCAAACGTGCCCCATGTCTGTTACGTTAACATCTGTGAAGA  
GAGTTCAAAGTTCTCAAACCTATTGGTGCAGGGCGTGAGTCTCAGTCTCCAGATTCAGCTTGGAGATC  
TTACAATGATCGGAATCCAGAGACTGAACGGAGATGCCACATATTCCTCTCTTGCAGCAAAGGTTTT  
AGAAGCGTTCGGCCAAACCTGCAAGACAAAAGATCACCGACCCAGAGCCAGATCACTATCAATGGCAACT  
CTGGTGGCGCCGTGAGTCCAGTGAGTTACTATCAGAGGCCATTCTCCCTTCTGCATACTCCCTCCCAGC  
CTCGCTGAACTCCAGCATTATCATGCAGCACGGCAGGTCTCTTGATTCTGCAGAGACATATTCAGCAT  
GCCAGTCCCTGGATGGCACCATTGGGAAGTCCATCCCGCTCTATAGATCCTCCGAGGAAGAGAAGAGGG  
TCACGGTCATCAAAGCCCCGATTACCCAGGGATCGGCCCTGTGGATGAGTCTGGAATCCCACAGCCAT  
TAGGACGACTGTCGACAGGCCAAAGGACTGGTACAAGACAATGTTCAAGCAAATCCACATGGTACACAAG  
CCGGATGAGGACACAGACATGTATAACTCCTTACACATAACGCAGGTCTGTACAACTCGCCCTACA  
GTGCTCAGTCCCACCCGGCTGCGAAGACTCAGACCTACAGCTCTTTGAAAAGCCACTCAGACAATGG  
CACCGATGCGTTTAAGGAGGTGCCCTCCCAAGTGCCTCCCAACAGCTCCCAACAGACCAAGAGATCAG  
TCTTCAACACTAAAGCATGACTGGGACCCTCCAGACAGAAAGGTGGACACCAGGAAATTTTCGATCGGAGC  
CAAGGAGTATTTTTGAATATGAGCCTGGGAAGTCCATTCTGCAGCACGAAAGACCCCTCTAAAAA  
GGCTCTGGATTATGTTCAAGATCATTCTCCGGTGTGTCACAGAGGTCTCCATCTATCAGTCTCCATA  
GACAGAAGCCTGGAAAGACCCAGCAGCTCTGCAAGCATGGCCGGTGACTTAGGAAACGGAGGAAGAGCG  
AACCTGCAGTGGGCCACTCCGGGGCTTGGGGATCAGAGTTCAGCAGGACCAGCCCTGGCCGGGGCGGA  
CCTCCCAGGATCAAGTTCACCTTTACGAAGTCTTTCATTAGCTCTTCTCCTTCTCCTCGAGAGCA  
CAAGGTGGGGATGATAGAAAATGTGTCCGCCCTTTGCAGTTACTCGGGGCTCAATGGACCCCTCTG  
GTGAGTTAGAGTCTGCAACGCTTACAGACAACATTTGGACGTCCCGGGGACTCGCAAAGGGCCATCAC  
TTTCAAGAATGGCTGGCAAATGGCCCGGAAAATGCAGAGATCTGGAGTAGCACTGAAGAGACCGTTTCC  
CCCAAAATCAAATCACGTAGCTGCGATGATCTCCTGAATGACGACTGCGACAGCTTCCAGACCTAAAA



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CCAAGTCAGAGAGTATGGGTTCTCTGTTATGTGAAGAAGACTCCAAGAGAGCTGCCCATGACATGGG
GTCCCCCTACATCCAGGAAGTGTGCGGGAACAGCAGATCTAGGCTCAAACACAGGTGAGCCATAATGCC
CCAGGCTTCTCAAAATGTACAAGAAAATGCATCGCATCAACCGCAAGGACTTGATGAATTCAGAGGTCA
TTTGCTCGGTGAAATCCAGGATCCTGCAGTACGAGAAGGAGCAACAGCACAGGGGGCTGCTGCACGGATG
GAGCCAGTCTTCCACCGAGGAGGTGCCAGGGAGCTGGTGCCACTCGCATTTTCGGAATTTGAAAAGCTG
ATTCAGAAGTGAAGTCTATGCCAATCTAGGAGATGAAATGTTATCTCTATAACCCTAGAACCCCCAC
AAAATGGTTTGTGTCCCAAGAGCGGATTTCTATCGAGTCTCTGCTGGAGGAAGAAAATCAGTTTCGTCA
CCCTTCTCAGGGTCAGCGAAGCTGCAAGTCTAACACCCTGGTGCCCATCCACATCGAGGTACCAGCGAC
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ACATGGACCGACCCAGAAGGCAAGAAAATGGATCCTGGCCTGTCTAAGCTTGCATTTCTAGTCAGCCCTGT
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GTTGAAGTCTGGACTCTGCCCTGAAAGACATTTGCGACCAAATAAAAGCCGAAAAGCGGAGGGGAAGCT
TGCCAGACAACAGCATCCTGCACAGGCTTATCAGTGAAGTGTGCGACAGATTCCCTGAAAGGAATTCATC
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TGTCCCCTGTACCAAAATGATTGTGGGAGAATGCCTCACAGTGCCTCTTTCCCTGACGTGGACACAACCA
GCAACTACCACGCACAGGACTATGGGAGTGCAGTGCCTCCTCAAGATCACGAGTCCCCTAGAAGTTACTC
ATCTACTCTGACTGACTTGGGCAGAAAGTGCATCACGGGAACGAAGGGGAACTCCAGAAAAAGAGAAATG
CCTGCAAAAGCTGTCTATGATTTCAAAGCTCAGACATCTAAGGAGCTGTCATTTAAGAAAGGAGACTG
TCTACATCCTCAGGAAAATGACCAAAACTGGTATGAGGGGGAACACCACGGCAGAGTGGGCATTTTCCC
AATCTCATACGTAGAGAAAATACACCCCCGAAAAAGCGCAGCCGCAAGACCACCCCGAGTCCAG
CCCGGAGAGATTGGAGAAGCCATAGCCAAGTACAACCTCAATGCAGACACAAATGTGAACTCTCCCTGC
GAAAGGGCGACAGGATTATTCTTCTTAAAAGAGTTGACCAAAACTGGTACGAAGGTAATAATCCCAGAAC
CAACAGACAAGGCATCTTCCCCTGTCTATGTGAGGTTGTCAAGAGGAACGAAAAGGTGCTGAGGAC
TACCCAGACCCTCCTCTGCCCCACAGCTACTCCAGTGACAGAAATTTACACCCTAAGCTCCAATAAGCCAC
AGCGTCTGGGTTCTCTCATGAAAACATTAAGGTGGGGGAGAACCCTTTCAGGCTCTGTATAACTATAC
TCCTAGGAACGAAGATGAGCTGGAAGTCAAGAGAAAGTGTGTCGTTGATGTCATGAAAAGTGTGACGAC
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TGTGA
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001205219
- Insert Size:** 3645 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:**

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:** [NM\\_001205219.1](#), [NP\\_001192148.1](#)

**RefSeq Size:** 6094 bp

**RefSeq ORF:** 3645 bp

**Locus ID:** 234214

**Cytogenetics:** 8 B1.1

**Gene Summary:** Adapter protein that plays a role in the assembling of signaling complexes, being a link between ABL kinases and actin cytoskeleton. Can form complex with ABL1 and CBL, thus promoting ubiquitination and degradation of ABL1 (By similarity). May play a role in the regulation of pancreatic cell adhesion, possibly by acting on WASF1 phosphorylation, enhancing phosphorylation by ABL1, as well as dephosphorylation by PTPN12 (By similarity). [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). 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.