

Product datasheet for **RC227264**

SORBS2 (NM_001145670) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SORBS2 (NM_001145670) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SORBS2
Synonyms:	ARGBP2; PRO0618
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC227264 representing NM_001145670
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGTGTACGCTAACATCTGTGAAGAGAGTGCAAAGTTCTCCAAACCTATTGGCTGCAGGGCGTGATT
CTCAGTACCAGACTCAGCTTGGAGATCTTACAATGATGGCAATCAGGAGACACTGAACGGAGATGCTAC
ATATTCCTCTCTTGCAGCAAAAGTTTTAGAAGCGTTCGACCAAACTACAAGATAAAAGATCACCAACT
CAGAGCCAGATAACAGTGAATGAAAAGTCCAGGAGTGCCGTGAGTCCCATGAGTACTATCAGAGGCCGT
TTTCCCCTCGGCATATTCTCTCCAGCCTCACTCAACTCCAGCATTGTCATGCAGCACGGCACATCCCT
CGATTCCACAGACACATATCCCCAGCATGCGCAGTCTCTGGATGGCACCACCAGCAGTCTATCCCCCTG
TACCGATCCTCAGAGGAAGAGAAGAGAGTGACAGTCAAAAGCCCCGATTACCCAGGGATCGGGCCC
TGGATGAATCCGGAATCCCACAGCAATTAGAACGACAGTCCAGCCGCCCCAAGGACTGGTACAAGACGAT
GTTTAAGCAAATTCATGGTGCACAAGCCGGTCTGTACAACCCACCCTACAGTCTCAGTACACCCCT
GCTGCAAAGACCCAAACCTACAGACCTCTTTCCAAAAGCCACTCCGACAACAGCCCAATGCCTTTAAGG
ATGCGTCTCCCCAGTGCCTCCCCACATGTTCCACCTCCAGTCCCGCCGCTTCGACCAAGAGATCGGTC
TTCAACAGAAAAGCATGACTGGGATCCTCCAGACAGAAAAGTGGACACAAGAAAATTTGGTCTGAGCCA
AGGAGTATTTTTGAATATGAACCTGGCAAGTCAATTTCTCAGCATGAAAAGACCAGCCTCCTGTATC
AGTCTCTATAGACAGAAGCCTGAAAAGACCCATGAGTTCTGCAAGCATGGCCAGTACTTCAGGAAGCG
GAGGAAGAGCGAGCCTGCAGTGGTCCACCACGGGGCTGGGAGATCAAAGTGGCAGCAGGACTAGCCCA
GGCCGAGTGGACCTCCAGGATCAAGCACCCTTTACAAAGTCTTTCACTAGCTCTTCTCTTCTTCCC
CATCAAGAGCAAAGACCGTGAGTCCCCTAGAAGTTACTCATCCACTTTGACTGACATGGGGAGAAGTGC
ACCAAGGGAAAGAAGAGGAACTCCAGAAAAAGAGAAATTCCTGCAAAAGCTGTTTATGATTTTAAGGCT
CAGACATCTAAGGAGTTGTCAATTAAGAAAAGGAGATACTGTCTACATCCTCAGGAAAATTGATCAAAT
GGTATGAGGGAGAACACCACGGGAGAGTGGGCATCTTCCCGATCTCATACTAGAGAAAACACACCTCC
TGAGAAAGCACAGCCTGCAAGACCCTCCGCCAGCCAGCCGGAGAAATCGGAGAAAGCTATAGCCAAA
TACAACCTCAACGCAGACACAAATGTGGAGCTGCTACTGAGAAAGGGAGATAGAGTTATTCTTTAAAA
GAGTTGATCAAACTGGTATGAAGTAAAATCCCAGGAACCAACAGACAAGGCATCTTCCCTGTTTCCTA
TGTGGAGGTCGTCAAGAAGAACACAAAAGGTGCTGAGGACTACCCTGACCCTCCAATACCCACAGCTAT
TCTAGTGATAGGATTCACAGCTTGAAGTCAAATAAGCCACAGCGTCTGTGTTTACTCATGAAAATATTC
AAGGTGGGGGGAACCGTTTCAGGCTCTGTATACTATACTCCCAGGAATGAAGATGAGCTGGAGCTCAG
AGAAAGTGATGTCATTGATGTCATGAAAAGTGTGATGACGGCTGGTTTGTGGGGACCTCAAGAAGAACC
AAATTCCTTGGTACTTTCCCGGAAACTACGTCAAGAGGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_001145670.1](#), [NP_001139142.1](#)

RefSeq ORF: 1935 bp

Locus ID: 8470

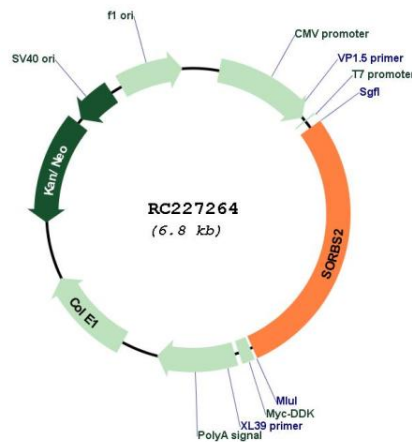
UniProt ID: [O94875](#)

Cytogenetics: 4q35.1

MW: 71.5 kDa

Gene Summary: Arg and c-Abl represent the mammalian members of the Abelson family of non-receptor protein-tyrosine kinases. They interact with the Arg/Abl binding proteins via the SH3 domains present in the carboxy end of the latter group of proteins. This gene encodes the sorbin and SH3 domain containing 2 protein. It has three C-terminal SH3 domains and an N-terminal sorbin homology (SoHo) domain that interacts with lipid raft proteins. The subcellular localization of this protein in epithelial and cardiac muscle cells suggests that it functions as an adapter protein to assemble signaling complexes in stress fibers, and that it is a potential link between Abl family kinases and the actin cytoskeleton. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC227264