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# Product datasheet for RC227264L4V

## SORBS2 (NM_001145670) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | SORBS2 (NM_001145670) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | SORBS2 |
| **Synonyms:** | ARGBP2; PRO0618 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001145670 |
| **ORF Size:** | 1932 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC227264). |
| **OTI Disclaimer:** | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| **OTI Annotation:** | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| **RefSeq:** | NM_001145670.1, NP_001139142.1 |
| **RefSeq ORF:** | 1935 bp |
| **Locus ID:** | 8470 |
| **UniProt ID:** | O94875 |
| **Cytogenetics:** | 4q35.1 |
| **MW:** | 71.5 kDa |

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**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]

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