

## AR51324PU-N

## Human SORBS3 / SCAM1 (1-329, His-tag) - Purified

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| <b>Alternate names:</b>  | SCAM-1, SH3-containing adapter molecule 1, Sorbin and SH3 domain-containing protein 3, Vinexin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Quantity:</b>         | 0.1 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration:</b>    | 0.25 mg/ml (determined by Bradford assay)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Background:</b>       | SORBS3 is an SH3 domain-containing adaptor protein. The presence of SH3 domains play a role in this protein's ability to bind other cytoplasmic molecules and contribute to cytoskeletal organization, cell adhesion and migration, signaling, and gene expression. Multiple transcript variants encoding different isoforms have been found for this gene.                                                                                                                                                                                                                                                                                                     |
| <b>Uniprot ID:</b>       | <a href="#">O60504</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>NCBI:</b>             | <a href="#">NP_001018003</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>GeneID:</b>           | <a href="#">10174</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source:</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Format:</b>           | <b>State:</b> Liquid purified protein<br><b>Purity:</b> >90% by SDS - PAGE<br><b>Buffer System:</b> 20 mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description:</b>      | Recombinant human SORBS3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.<br><b>AA Sequence:</b><br>MGSSHHHHH SSGLVPRGSH MGSMADGGSP FLGRRDFVYP SSTRDPSASN GGGSPARREE<br>KKRKAARLKF DFQAQSPKEL TLQKGDIVYI HKEVDKNWLE GEHHGRLGIF PANYVEVLPA<br>DEIPKPIKPP TYQVLEYGEA VAQYTFKGD L EVELSFRKGE HICLIRKVNE NWYEGRITGT<br>GRQGIFPASY VQVSREPLRL LCDDGPQLPT SPRLTAAARS ARHPSSPSAL RSPADPIDLG<br>GQTSPRRTGF SFPTQEPRPQ TQNLGTPGPA LSHSRGPSHP LDLGTSSPNT SQIHWTPYRA<br>MYQYRPQNE E LELREGDRV DVMQQCDDGW FVGVSRRQTQK FGTFPGNYVA PV<br><b>Molecular weight:</b> 39.1 kDa (352aa), confirmed by MALDI-TOF |
| <b>Storage:</b>          | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>General Readings:</b> | Kioka N. et al. (1999) J Cell Biol. 144:59-69<br>Akamatsu M. et al. (1999) J Biol Chem. 274:35933-35937.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Pictures:

