

# Recombinant human SORBS3 protein

Catalog Number: ATGP2504

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-329aa

### UniProt No.

O60504

### NCBI Accession No.

NP\_001018003

### Alternative Names

Vinexin, SCAM-1, SCAM1, SH3D4

## PRODUCT SPECIFICATION

---

### Molecular Weight

39.1 kDa (352aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### Description

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. Recombinant human SORBS3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

## Recombinant human SORBS3 protein

Catalog Number: ATGP2504

### Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>MADGGSP FLGRRDFVYP SSTRDPSASN GGGSPARREE KKRKAARLKF  
DFQAQSPKEL TLQKGDIVYI HKEVDKNWLE GEHHGRLGIF PANYVEVLP DEIPKPIKPP TYQVLEYGEA VAQYTFKGD  
EVELSFRKGE HICLIRKVNE NWYEGRITGT GRQGIFPASY VQVSREPLR LCDDGPQLPT SPRLTAAARS ARHPSSPSAL  
RSPADPIDLG GQTSRRTGF SFPTQEPRPQ TQNLGTPGPA LSHSRGSPHP LDLGTSSPNT SQIHWTPYRA MYQYRPQNE  
ELELREGDRV DVMQQCDDGW FVGVSRRRTQK FGTFPGNYVA PV

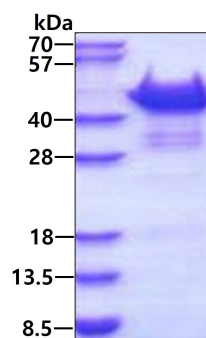
### General References

Kioka N. et al. (1999) J Cell Biol. 144:59-69

Akamatsu M. et al. (1999) J Biol Chem. 274:35933-35937.

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.