

**SORBS3, 1-329aa, Human, His tag, E.coli**

**Cat.NO.: TP04004**

3th Edition

**Synonyms:** Vinexin, SCAM-1, SCAM1, SH3D4

**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.

**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

**Molecular Weight:** 39.1 kDa(352aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMADGGSPFLGRRDFVYPSSTRDPSASNGGGSPARREEKKRKAARLKDFDQ  
AQSPKELTLQKGDIVYIHKEVDKNWLEGEHHGRLGIFPANYVEVLPAD EIPKPIKPPTYQVLEYGEAVAQYTFKGDLE  
VELSFRKGEHICLIRKVNENWYEGRITGTGRQGIFPASYVQVSREPRRLRLCDDGPQLPTSPRLTAAARSARHPSSP  
SALRSPADPIDLGGQTSPRRTGFSFPTQEPRPQTQNLGTPGPALSHSRGPSHPLDLGTSSPNTSQIHWTPYRAMY  
QYRPQNEDELELREGDRVDVMQQCDDGWFVGVSRRTQKFGTFPGNYVAPV

**Purity:** > 95% by HPLC

**Concentration:** 0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.