Recombinant Human sorbin and SH3 domain containing 3, His-tagged

Cat. No. SORBS3-407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SORBS3, 1-329aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-329 a.a.
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 cystoskeletal 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 Mass	39.1 kDa(352aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMADGGSP FLGRRDFVYP SSTRDPSASN GGGSPARREE KKRKAARLKF DFQAQSPKEL TLQKGDIVYI HKEVDKNWLE GEHHGRLGIF PANYVEVLPA DEIPKPIKPP TYQVLEYGEA VAQYTFKGDL EVELSFRKGE HICLIRKVNE NWYEGRITGT GRQGIFPASY VQVSREPRLR

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	LCDDGPQLPT SPRLTAAARS ARHPSSPSAL RSPADPIDLG GQTSPRRTGF SFPTQEPRPQ TQNLGTPGPA LSHSRGPSHP LDLGTSSPNT SQIHWTPYRA MYQYRPQNED ELELREGDRV DVMQQCDDGW FVGVSRRTQK FGTFPGNYVA PV
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	SORBS3 sorbin and SH3 domain containing 3 [Homo sapiens]
Official Symbol	SORBS3
Synonyms	SORBS3; sorbin and SH3 domain containing 3; vinexin; SCAM 1; SH3D4; sorbin and SH3 domain-containing protein 3; vinexin beta (SH3-containing adaptor molecule-1); SCAM1; SCAM-1;
Gene ID	10174
mRNA Refseq	NM_001018003
Protein Refseq	NP_001018003
MIM	610795
UniProt ID	O60504

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Chromosome Location	8p21.3
Pathway	Muscle contraction, organism-specific biosystem; Smooth Muscle Contraction, organism-specific biosystem;
Function	protein binding; structural constituent of cytoskeleton; transcription factor binding; vinculin binding;

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