

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 SGLVPRGSH MGSMADGGSP FLGRRDFVYP SSTRDPSASN GGGSPARREE KKRKAARLKF DFQAQSPKEL TLQKGDIVYI HKEVDKNWLE GEHHGRLGIF PANYVEVLPA DEIPKPIKPP TYQVLEYGEA VAQYTFKGD EVELSFRKGE HICLIRKVNE NWEYGRITGT GRQGIFPASY VQVSREPLR

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LCDDGPQLPT SPRLTAAARS ARHPSSPSAL RSPADPIDLG GQTSPRRTGF
 SFPTQEPRPQ TQNLGTPGPA LSHSRGPSHP LDLGTSSPNT SQIHWTPYRA
 MYQYRPQNEE ELELREGDRV DVMQQCDDGW FVGVSRRRTQK 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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