

Datasheet for ABIN7563966

SORBS1 Protein (AA 1-1290) (His tag)



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Overview

Quantity:	1 mg
Target:	SORBS1
Protein Characteristics:	AA 1-1290
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SORBS1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Sorbs1 Protein expressed in mammalian cells.
Sequence:	<p>MSSECDVGSS KAVVNGLASG NHGPDKMDMP TKICTGKGTV TLRASSSYRG TPSSSPVSPQ</p> <p>ESPKHESKSG LEPEDPSADE WKLSSSADTN GNAQPSPLAA KGYRSVHPSL SADKPQGSPL</p> <p>LNEVSSSHIE TDSQDFPPTS RPSSAYPSTT IVNPTIVLLQ HNRDPASERR AGEQDPVPTP</p> <p>AELTSPGRAS ERRAKDASRR VVRSADQLSD VSTDEVGIPL RNTERSKDWWY KTMFKQIHKL</p> <p>NRDDSDVHS PRYSFSDDTK SPLSVPRSKS EMNYIEGEKV VKRSATLPLP ARSSSLKSSP</p> <p>ERNDEWEPLDK KVDTRKYRAE PKSIEYQPG KSSVLTNEKM SRDISPEEID LKNEPWYKFF</p> <p>SELEFGRPTN LEKDLSFCQA ELEADLEKVE TVNKSPSANS PQSSAVSPTP DITSEPPGYI</p> <p>YSSNFHAVKR ESDGTPGGLA SLENERQIYK SVLEGGDIPL QGLSGLKRPS SSASTKVDRK</p> <p>GGNAHMISS SVHSRTFHTS NALGPGCKHK KPLSAKACI SEILPSKFKP RLSAPSALLQ</p> <p>EQKSVLLPSE KAQSCENLCV SLNDSKRGLP LRVGGSIENL LMRSRRDYDS KSSSTMSLQE</p> <p>YGTSSRRPCP LSRKAGLHFS MFYRDMHQIN RAGLSLGSIS SSSVRDLASH FERSSLTLAR</p>

GELGASQEGS EHIPKHTVSS RITAFEQLIQ RSRSMPSLDF SGRLSKSPTP VLSRSGLTSA
RSAESLLEST KLRPREMDGM DSGGVYASPT CSNMADHALS FRSLVPSEPL SICSDELDHC
SNVSNDSREG SGGSVHGDFP KHRLNKCKGT CPASYTRFTT IRKHEQQSSR QSDWRSDSRG
DKNSLLRNIH LMSPLPFRK KPLQQHPRQP PPSDSESPEA GQKADLPCHD PQDQPHSAGK
PQVPTLSSR HTMARLSHNS EPPLDRPAGL EDCTRAINNG NPVPYSDHGL DRNNNPQSEL
AAAHGDSERP RHFIPADYLE STEEFIRRRH DDKEKLLADQ RRLKREQEEA DIAARRHTGV
IPTHHQFITN ERFQDLLNID DTAKRKSGLE MRPARAKFDF KAQTLKELPL QKGDVVYIYR
QIDQNWYEGE HHGRVGIFPR TYIELLPPEA KAQPRKLAPV QVLEYGEAIA KFNFNQDQV
EMSFRRGERI TLLRQVDENW YEGRIPTSR QGIFPITYVD VLKRPVVKTP VDYIDLPYSS
SPSRSATVSP QQPQAQQRRV TPDRSQPSLD LCSYQALYSY VPQNDDELEL RDGDIVDVME
KCDDGWVFGT SRRTRQFGTF PGNYVKPLYL **Sequence without tag. The proposed
Purification-Tag is based on experiences with the expression system, a different complexity
of the protein could make another tag necessary. In case you have a special request, please
contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SORBS1
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Target Details

Alternative Name:	Sorbs1 (SORBS1 Products)
Background:	Sorbin and SH3 domain-containing protein 1 (Ponsin) (SH3 domain protein 5) (SH3P12) (c-Cbl-associated protein) (CAP),FUNCTION: Plays a role in tyrosine phosphorylation of CBL by linking CBL to the insulin receptor. Required for insulin-stimulated glucose transport. Involved in formation of actin stress fibers and focal adhesions. {ECO:0000269 PubMed:11001060, ECO:0000269 PubMed:9447983, ECO:0000269 PubMed:9461600}.
Molecular Weight:	143.1 kDa
UniProt:	Q62417
Pathways:	Cell-Cell Junction Organization, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months