

Datasheet for ABIN7555582

SORBS1 Protein (AA 1-1292) (His tag)



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Overview

Quantity:	1 mg
Target:	SORBS1
Protein Characteristics:	AA 1-1292
Origin:	Human
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>MSSECDGGSK AVMNG LAPGS NGQDKATADP LRARSISAVK IIPVKTVKNA SGLVLPTDMD</p> <p>LTKICTGKGA VTLRASSSYR ETPSSSPASP QETRQHESKP GLEPEPSSAD EWRLSSSADA</p> <p>NGNAQPSSLA AKGYRSVHPN LPSDKSQDAT SSSAAQPEVI VVPLYLVNTD RGQEGTARPP</p> <p>TPLGPLGCVPTIPATASAAS PLTFPTLDDF IPPHLQRWPH HSQPARASGS FAPISQTTPS</p> <p>FSPPPPLVPP APEDLRRVSE PDLTGAVSST DSSPLLNEVS SSLIGTDSQA FPSVSKPSSA</p> <p>YPSTTIVNPT IVLLQHNREQ QKRLSSLSDP VSERRVGEQD SAPTQEKPPTS PGKAIEKRAK</p> <p>DDSRRVVKST QDLSDVSMDE VGIPLRNTER SKDWYKTMFK QIHKLN RDTP EENPYFPTYK</p> <p>FPPELPIQQT SEEDNPYTPT YQFPASTPSP KSEDDSDLY SPRYSFSED TKSPLSVPRSK</p> <p>SEMSYIDGK VVKRSATLPL PARSSSLKSS SERNDWEPPD KKVDTRKYRA EPKSIYEYQP</p> <p>GKSSVL TNEK MSRDISP EELDKNEPWYKF FSELEFGKPP PKKIWDYTPG DCSILPREDR</p> <p>KTNLDKDSL CQTEADLE KMETLNKAPS ANVPQSSAIS PTPEISSETP GYIYSSNFHA</p>

VKRESDGAPG DLTSLENERQ IYKSVLEGGD IPLQGLSGLK RPSSASTKD SESPRHFIPA
DYLESTEEFI RRRHDDKEKL LADQRRLLKRE QEEADIAARR HTGVIPTHHQ FITNERFGDL
LNIDDTAKRK SGSEMRPARA KDFDKAQTLK ELPLQKGDIV YIYKIDQNW YEGEHHGRVG
IFPRTYIELL PPAEKAQPKK LTPVQVLEYG EAIKFNFNNG DTQVEMSFRK GERITLLRQV
DENWYEGRIP GTSRQGIFPI TYVDVIKRPL VKNPVDYMDL PFSSSPSRSA TASPQFSSHS
KLITPAPSSL PHSRRALSPE MHAVTSEWIS LTVGVPGRRS LALTPPLPPL PEASIYNTDH
LALSPRASPS LSLSLPHLSW SDRPTPRSA SPLALPSPHK TYSLAPTSQA SLHMNGDGGV
HTPSSGIHQD SFLQLPLGSS DSVISQLSDA FSSQSKRQPW REESGQYERK AERGAGERGP
GGPKISKKSC LKPSDVVRCL STEQLSDLN TPEESRPGKP LGSAPGSEA EQTERHRGGE
QAGRKAARRG GSQQPQAQQR RVTPDRSQTS QDLFSYQALY SYIPQNDEL ELRDGDIVDV
MEKCDDGWFV GTSRRTKQFG TFPGNYVKPL YL **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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target: SORBS1

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 (By similarity). {ECO:0000250 UniProtKB:Q62417}.
Molecular Weight:	142.5 kDa
UniProt:	Q9BX66
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