

Datasheet for ABIN7563753  
**Sorbs2 Protein (AA 1-1180) (His tag)**



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## Overview

Quantity:	1 mg
Target:	Sorbs2
Protein Characteristics:	AA 1-1180
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sorbs2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Sorbs2 Protein expressed in mammalian cells.
Sequence:	MNTDSGGCAR KRAAMSVTLT SVKRVQSSPN LLAAGRESQS PDSAWRSYND RNPETLNGDA TYSSLAAKGF RSVRPNLQDK RSPTQSQITI NGNSGGAVSP VSYYQRPFPSP SAYSLPASLN SSIIMQHGRS LDSAETYSQH AQSLDGTMGSIPLYSSEE EKRVTVIKAP HYPGIGPVDE SGIPTAIRTT VDRPKDWYKT MFKQIHMVHK PGLYNPYSY QSHPAAKTQT YRPLSKSHSD NGTDAFKEVP SPVPPPHVPP RPRDQSSTLK HDWDPPDRKV DTRKFRSEPR SIFEYEPGKS SILQHERPVS IYQSSIDRSL ERPSSASMA GDFRKRKSE PAVGPLRGLG DQSSSRTSPG RADLPGSSST FTKSFISSP SSPSRAQGGD DSKMCPPLCS YSGLNGTPSG ELECCNAYRQ HLDVPGDSQR AITFKNGWQM ARQNAEIWSS TEETVSPKIK SRSCDLLND DCDSFPDPKT KSESMGSLLC EEDSKESCPM TWASPYIQEV CGNSRSRLKH RSAHNAPGFL KMYKKMHRIN RKDLMNSEVI CSVKSRILQY EKEQQHRGLL HGWSQSSTEE VPRDVVPTRI SEFEKLIQKS KSMPNLGDEM LSPITLEPPQ NGLCPKRRFS IESLLEEETQ VRHPSQGQRS CKSNTLVPIH IEVTSDEQPR THMEFSDSDQ DGVVSDHSDY VHVEGSSFCS ESDFDHFSFT SSESFYGSSH

## Product Details

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HHHHHHHHHR HLISSCKGRC PASYTRFTTM LKHERAKHEN MDRPRRQEMD PGLSKLAFLV  
SPVPFRRKKI LTPQKQTEKA KCKASVVEAL DSALKDICDQ IKAEKRRGSL PDNSILHRLI  
SELLPQIPER NSSLHALKRS PMHQPFHPLP PDGASHCPPLY QNDCGRMPHS ASFPDVTTS  
NYHAQDYGSA LSLQDHESPR SYSSTLTDLG RSASRERRGT PEKEKLPKA VYDFKAQTSK  
ELSFKKGDTV YILRKIDQNW YEGEHHGRVG IFPISYVEKL TPPEKAQPAR PPPPVQPGEI  
GEIAKYNFN ADTNVELSLR KGDRIILLKR VDQNWYEGKI PGTNRQGIFP VSYVEVVKRN  
AKGAEDYPDP PLPHSYSSDR IYTLSSNKPQ RPGFSHENIQ GGGEFPQALY NYTPRNEDEL  
ELRESDVVDV MEKCDDGWFV GTSRRTKFFG TFPGNVVKRL **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.**

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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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Characteristics: Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: Sorbs2

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Alternative Name: Sorbs2 ([Sorbs2 Products](#))

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## Target Details

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**Background:** Sorbin and SH3 domain-containing protein 2 (Arg-binding protein 2) (ArgBP2) (Arg/Abl-interacting protein 2),FUNCTION: Adapter protein that plays a role in the assembling of signaling complexes, being a link between ABL kinases and actin cytoskeleton. Can form complex with ABL1 and CBL, thus promoting ubiquitination and degradation of ABL1 (By similarity). May play a role in the regulation of pancreatic cell adhesion, possibly by acting on WASF1 phosphorylation, enhancing phosphorylation by ABL1, as well as dephosphorylation by PTPN12 (By similarity). {ECO:0000250, ECO:0000250|UniProtKB:O94875}.

**Molecular Weight:** 132.3 kDa

**UniProt:** [Q3UTJ2](#)

## Application Details

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**Application Notes:** We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

**Restrictions:** For Research Use only

## Handling

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**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