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Datasheet for ABIN7555592

Sorbs2 Protein (AA 1-1100) (His tag)

Overview

Quantity:	1 mg
Target:	Sorbs2
Protein Characteristics:	AA 1-1100
Origin:	Human
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:	MSYYQRPFSP SAYSLPASLN SSIVMQHGTS LDSTDYTPQH AQSLDGTTSS SIPLYRSSEE EKRVTVIKAP HYPGIGPVDE SGIPTAIRTT VDRPKDWYKT MFKQIHMVHK PDDDTDMYNT PYTYNAGLYN PPYSAQSHPA AKTQTYRPLS KSHSDNSPNA FKDASSPVPP PHVPPPVPPL RPRDRSSTEK HDWDPPDRKV DTRKFRSEPR SIFEYEPGKS SILQHERPAS LYQSSIDRSL ERPMSASMA SDFRKRKSE PAVGPPRGLG DQSASRTSPG RVDLPGSSTT LTKSFTSSSP SSPSRAKGGD DSKICPSLCS YSGLNGNPSS ELDYCSTYRQ HLDVPRDSPR AISFKNGWQM ARQNAEIWSS TEETVSPKIK SRSCDLLND DCDSFPDPKV KSESMGSLLC EEDSKESCPM AWGSPYVPEV RSNGRSRIRH RSARNAPGFL KMYKMKHRIN RKDLMNSEVI CSVKSRILQY ESEQQHKDLL RAWQCSTEE VPRDMVPTRI SEFEKLIQKS KSMPNLGDDM LSPVTLEPPQ NGLCPKRRFS IEYLLEENQ SGPPARGRRG CQSNALVPIH IEVTSDEQPR AHVEFSDSDQ DGVVSDHSDY IHLEGSSFCS ESDFDHFSFT SSESFYGSSH HHHHHHHHHHH RHLISSCKGR CPASYTRFTT MLKHERARHE NTEEP RRQEM DPGLSKLAFL VSPVPFRRKK NSAPKKQTEK

Product Details

AKCKASVFEA LDSALKDICD QIKAEKKRGS LPDNSILHRL ISELLPDVPE RNSSLRALRR
SPLHQPLHPL PPDGAIHCPP YQNDCGRMPR SASFQDVDTA NSSCHHQDRG GALQDRESPR
SYSSTLTDMG RSAPRERRGT PEKEKLPKA VYDFKAQTSK ELSFKKGDTV YILRKIDQNW
YEGEHGHRVG IFPISYVEKL TPPEKAQPAR PPPPAQPGEI GEAIKYNFN ADTNVELSLR
KGDRVILLKR VDQNWYEGKI PGTNRQGIFP VSYVEVVKKK TKGAEDYPDP PIPHSYSSDR
IHSLSSNKPQ RPVFTHENIQ GGGEPFQALY NYTPRNEDEL ELRESVIDV MEKCDDGWFV
GTSRRTKFFG TFPGNYVKRL **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.**

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.

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.

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

Grade: custom-made

Target Details

Target: Sorbs2

Alternative Name: SORBS2 ([Sorbs2 Products](#))

Background: Sorbin and SH3 domain-containing protein 2 (Arg-binding protein 2) (ArgBP2) (Arg/Abl-interacting protein 2) (Sorbin),FUNCTION: Adapter protein that plays a role in the assembling of

Target Details

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. 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 (PubMed:18559503). Isoform 6 increases water and sodium absorption in the intestine and gall-bladder. {ECO:0000269|PubMed:12475393, ECO:0000269|PubMed:18559503, ECO:0000269|PubMed:9211900}.

Molecular Weight: 124.1 kDa

UniProt: [O94875](#)

Application Details

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

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