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Datasheet for ABIN7563270

SIPA1 Protein (AA 1-1037) (His tag)

Overview

Quantity:	1 mg
Target:	SIPA1
Protein Characteristics:	AA 1-1037
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIPA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Sipa1 Protein expressed in mammalien cells.
Sequence:	MWAGGVGSPR RGMAPTDD LFARKLRQPA RPPLTPNTFE PRPARGPLLR SGSDAGEVRP PTPASPRARA HSHEDASRPA ATPTRLFTDP LALLGLPAEE PEPTFPPVLE PRWFAHYDVQ SLLFDWAPRP RGTGSHTEAN SGTLAEGQTT TSDLLLGAPG FVSELGGEGL LGLGGPISPP VPPALPNAAV SVLEEQTRT TTYSLEHADL GAGYYRKYFY GKEHQNFFGL DEALGPVAVS LRREEKEGSG GGTLHSYRVI VRTTQLRRTL GTISEDALPP GPPSVSPRKL LEHVAPRLSP TCLRLGSASP KVPRQLTLD EQVLSFQRKG GILYCRAGQG SEEEMYNNQE AGAAFQFLT LLGDVVRLKG FESYRAQLDT KTDSTGTHSL YTTYQDHEIM FHVSTMLPYT PNNQQQLLRK RHIGNDIVTI VFQEPGSKPF CPTTIRSHFQ HVFLVRAHA PCTPHTSYRV AVSRTQDTPA FGPALPEGGG PFAANADFRA FLLAKALNGE QAAGHARQFH AMATRTRQY LQDLATNEVT TTSLDSASRF GLPSLGRRR ATPRSPGADV QAAGALMWGV RAAPGARVAA GAETSGPDDA EVPCLLGISA ETLVLVAPRD GRVVFNCACR DVLAWTFSEH QLDLYHGRGE AITLRLDGAP

Product Details

GQAVGEVVAR LQLVSRGCET RELALPRDGQ GRLGFEVDAE GFITHVERFT FAETTGLRPG
ARLLRVCGQT LPKLGPEATA QMLRSAPKVC VTVLPPDESG RPRRSFSELY MLSLKEPSRR
GGPEPVQDET GKLVLPPPTK QLLHFCLKDS SSPPGPGDLT EERTEFLRTH NSLSSGSSLS
DEAPVLPNTT PDLLLVTAN PSAPGTDRET PPSQDQSGSP SSHEDTSDSG PELRASILPR
TSLRNSISK IMSEAGSETL EDEWQSISEI ASTCNTILES LSREGQPISE SGDPKEALKC
DSEPEPGSLS EKVSHLESML WKLQEDLQRE KADRAALEEE VRSLRHNNQR LLAESESAAT
RLLLASKHLG APTTDLA **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:

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, Western Blot

Grade:

custom-made

Target Details

Target:

SIPA1

Alternative Name:

Sipa1 ([SIPA1 Products](#))

Background:

Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1),FUNCTION: GTPase activator for the nuclear Ras-related regulatory proteins Rap1, Rsr1 and Ran in vitro, converting them to the putatively inactive GDP-bound state. Affects cell cycle progression. {ECO:0000269|PubMed:7799964}.

Target Details

Molecular Weight: 112.1 kDa

UniProt: [P46062](#)

Pathways: [Response to Water Deprivation](#)

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