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Datasheet for ABIN7555568  
**SIPA1 Protein (AA 1-1042) (His tag)**

## Overview

Quantity:	1 mg
Target:	SIPA1
Protein Characteristics:	AA 1-1042
Origin:	Human
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 mammalian cells.
Sequence:	MPMWAGGVGS PRRGMAPAST DDLFARKLRQ PARPPLTPHT FEPRPVRGPL LRS GSDAGEA RPPTPASRA RAHSHEEASR PAATSTRLFT DPLALLGLPA EEPEAFPVPV LEPRWFAHYD VQSLFDWAP RSQGMGSHSE ASSGTLASAE DQAASSDLLH GAPGFVCELG GEGELGLGGP ASPPVPPALP NAAVSILEEP QNRTSAYSLE HADLGAGYYR KYFYGKEHQN FFGMDESLGP VAVSLRREEK EGSGGGTLHS YRVIVRTTQL RTLRTISED ALPPGPPRGL SPRKLEHVA PQLSPSCLRL GSASPKVPRT LLTLDEQVLS FQRKVGILYC RAGQGSEEM YNNQEAGPAF MQFLTLLGDV VRLKGFESYR AQLDTKTDST GTHSLYTTYQ DHEIMFHVST MLPYTPNNQQ QLLRKRHIGN DIVTIVFQEP GSKPFCPTTI RSHFQHVFLV VRAHTPCTPH TTYRVAVSRT QDTPAFGPAL PAGGGPFAAN ADFRAFLAK ALNGEQAAGH ARQFHAMATR TRQQYLQDLA TNEVTTTSLD SASRFGPLSL GRRRAAPRG PGAELQAAGS LVWGVRAAPG ARVAAGAQS GPEGIEVPCL LGISAEALVL VAPRDGRVVF NCACRDVLAW TFSEQQLDLY HGRGEAITLR

## Product Details

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FDGSPGQAVG EVVARLQLVS RGCETRELAL PRDGQGRLLGF EVDAEGFVTH VERFTFAETA  
GLRPGARLLR VCGQTLPSLR PEAAAQLLRS APKVCVTVLP PDESGRPRRS FSELYTSLQ  
EPSRRGAPDP VQDEVQGVTL LPTTKQLLHL CLQDGGSPPG PGDLAEERTE FLHSQNSLSP  
RSSLSDEAPV LPNTPDLLLL ATAKPSVPS ADSETPLTQD RPGSPSGSED KGNPAPELRA  
SFLPRTLRLR NSISRIMSEA GSGTLEDEWQ AISEIASTCN TILESLSREG QPIPEGDPK  
GTPKSDAEPE PGNLSEKVSH LESMLRKLQE DLQKEKADRA ALEEEVRSRSLR HNNRRLQAES  
ESAATRLLLLA SKQLGSPTAD LA **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

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### Target:

SIPA1

### Alternative Name:

SIPA1 ([SIPA1 Products](#))

### Background:

Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1),FUNCTION: GTPase activator for the nuclear Ras-related regulatory proteins Rap1 and Rap2 in vitro, converting them to the putatively inactive GDP-bound state (PubMed:9346962). Affects cell cycle progression (By similarity).

## Target Details

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{ECO:0000250|UniProtKB:P46062, ECO:0000269|PubMed:9346962}.

Molecular Weight: 112.1 kDa

UniProt: [Q96FS4](#)

Pathways: [Response to Water Deprivation](#)

## Application Details

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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

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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