

Datasheet for ABIN7555623  
**SPAG1 Protein (AA 1-926) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SPAG1
Protein Characteristics:	AA 1-926
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPAG1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat SPAG1 Protein expressed in mammalian cells.
Sequence:	<p>MTTKDYPSLW GFGTTKTFKI PIEHLDFKYI EKCSVDKHLE KILCVLRSGE EGYYPELTFE CEKHLQALAP ESRALRKDKP AATAASFTAE EWEKIDGDIK SWVSEIKKEE DKMHFHETET FPAMKDNLPP VRGSNSCLHV GKEKYSKRPT KKKTPRDYAE WDKFDVEKEC LKIDEDYKEK TVIDKSHLSK IETRIDTAGL TEKEKDFLAT REKEKGNEAF NSGDYEEAVM YYTRSISALP TVVAYNNRAQ AEIKLQNWNS AFQDCEKVL EPGNVKALL RRATTYKHQN KLREATEDLS KVL DVEPDND LAKKTLSEVE RDLKNSEAAS ETQTKGKRMV IQEIENSEDE EGKSGRKHED GGGDKKPAEP AGAARAAQPC VMGNIQKCLT GKAEGGKRPA RGAPQRGQTP EAGADKRSPR RASAAAAAGG GATGHPGGGQ GAENPAGLKS QGNELFRSGQ FAEAAGKYSA AIALLEPAGS EIADDSILY SNRAACYLKE GNCSGCIQDC NRALELHPFS MKPLLRAMA YETLEQYGKA YVDYKTVLQI DCGLQLANDS VNRLSRILME LDGPNWREKL SPIAVPASV PLQAWHPAKE MISKQAGDSS SHRQQGITDE KTFKALKEEG NQCVNDKNYK DALSKYSECL KINNKECAIY</p>

## Product Details

---

TNRALCYLKL CQFEEAKQDC DQALQLADGN VKAFYRRALA HKGLKKNYQKS LIDLNKVILL  
DPSIIEAKME LEEVTRLLNL KDKTAPFNKE KERRKIEIQE VNEGKEEPGR PAGEVSMGCL  
ASEKGGKSSR SPEDPEKLPI AKPNNAYEFG QIINALSTRK DKEACAHLLA ITAPKDLPMF  
LSNKLEGDTF LLLIQSLKNN LIEKDPSLVY QHLLYLSKAE RFKMMLTLIS KGQKELIEQL  
FEDLSDTPNN HFTLEDIQAL KRQYEL **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:

SPAG1

### Alternative Name:

SPAG1 ([SPAG1 Products](#))

### Background:

Sperm-associated antigen 1 (HSD-3.8) (Infertility-related sperm protein Spag-1),FUNCTION: May play a role in the cytoplasmic assembly of the ciliary dynein arms (By similarity). May play a role in fertilization. Binds GTP and has GTPase activity. {ECO:0000250, ECO:0000269|PubMed:11517287, ECO:0000269|PubMed:1299558}.

### Molecular Weight:

103.6 kDa

## Target Details

---

UniProt: [Q07617](#)

## 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