SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

# Recombinant Sperm Associated Antigen 1 (SPAG1)

**Catalog Number: SIPC478Hu01** **Spec: 100ug**

| | |
|---|---|
| **Product Name** | Recombinant Sperm Associated Antigen 1 (SPAG1) |
| **Catalog Number** | SIPC478Hu01 |
| **Organism Species** | Human |
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Residues** | Met1~Lys365 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Cytoplasm |
| **Purity** | > 97% |
| **Traits** | Freeze-dried powder |
| **Buffer formulation** | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |
| **Original Concentration** | 200μg/mL |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.) |
| **Predicted isoelectric point** | 5.5 |
| **Predicted Molecular Mass** | 45.6kDa |
| **Accurate Molecular Mass** | 46kDa as determined by SDS-PAGE reducing conditions. |

**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined

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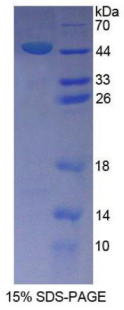
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

MTTKDYPSLW GFGTTKTFKI PIEHLDFKYI EKCSDVKHLE KILCVLRSGE
EGYYPELTEF CEKHLQALAP ESRALRKDKP AATAASFTAE EWEKIDGDIK
SWVSEIKKEE DKMHFHETET FPAMKDNLPP VRGSNSCLHV GKEKYSKRPT
KKKTPRDYAE WDKFDVEKEC LKIDEDYKEK TVIDKSHLSK IETRIDTAGL
TEKEKDFLAT REKEKGNEAF NSGDYEEAVM YYTRSISALP TVVAYNNRAQ
AEIKLQNWNS AFQDCEKVLE LEPGNVKALL RRATTYKHQN KLREATEDLS
KVLDVEPDND LAKKTLSEVE RDLKNSEAAS ETQTKGKRMV IQEIENSEDE
EGKSGRKHED GGGDK

**[ IDENTIFICATION ]**



15% SDS-PAGE

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.