

## Recombinant Human SPAG16 protein, GST-tagged

**Cat. No.** SPAG16-6743H    **Lot. No.** (See product label)

### SPECIFICATION

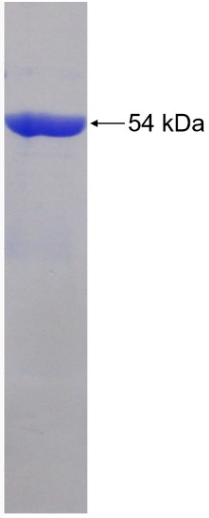
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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SPAG16 protein(1-181 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-181 aa                                                                                                                                                                                                                                       |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>AA Sequence</b>      | MAAQRGMPSSAVRVLEEALGMGLTAAGDARDTADAVAAEGAYYLEQVTITEASEDD<br>YEYEEIPDDNFSIPEGEEDLAKAIQMAQEQTDTTEILERKTVLPSKHAVPEVIEDFLCN<br>FLIKMGMTRTLDCFQSEWYELIQKGVTELRTVGNVPDVYTQIMLLENENKNLKKDLK<br>HYKQAAEYV                                              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | SPAG16                                                                                                                                                                                                             |
| <b>Synonyms</b>        | SPAG16; sperm associated antigen 16; sperm-associated antigen 16 protein; DKFZp666P1710; FLJ22724; PF20; WDR29; WD repeat domain 29; pf20 protein homolog; sperm-associated WD repeat protein; FLJ37717; MGC87036; |
| <b>Gene ID</b>         | 79582                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001025436                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_001020607                                                                                                                                                                                                       |
| <b>MIM</b>             | 612173                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q8N0X2                                                                                                                                                                                                             |
| <b>SDS-PAGE</b>        |                                                                                                                                |