

## Recombinant Human SPDL1 Protein, GST-Tagged

**Cat. No.** SPDL1-0599H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human SPDL1 full-length ORF (AAH12568, 1 a.a. - 605 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | This gene encodes a coiled-coil domain-containing protein that functions in mitotic spindle formation and chromosome segregation. The encoded protein plays a role in coordinating microtubule attachment by promoting recruitment of dynein proteins, and in mitotic checkpoint signaling. [provided by RefSeq, Jul 2016]                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 92.07 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MEADIITNLCRLKEAEEERLKAAQYGLQLVESQNELQNQLDKCRNEMMTMTESYE<br>QEKYTLQREVELKSRMLESLSCECEAIKQQQKMHLKLEEQLSRSHGQEVNELKTKI<br>EKLKVELDEARLSEKQLKHQVDHQKELLSCSEELRVMSERVQESMSSEMLALQIEL<br>TEMESMKTTLKEEVNELQYRQEQLLELLITNLMRQVDRLKEEKEEREKEAVSYNALE<br>KARVANQDLQVQLDQALQQALDPNSKGNLSFAEVEDRRAAMERQLISMKVKYQSL<br>KKQNVFNREQMQRMKLQIATLLQMKGSTFEFEQERLLAMLEQKNGEIKHLLGEIR<br>NLEKFKNLYDSMESKPSVDSGTLEDNTYYTDLLQMKLDNLNKEIESTKGELSIQRMK<br>ALFESQRALDIERKLFANERCLQLSESENMKLRKLDLKLKYEPEETVEVPVLKKRR<br>EVLVPVDITTAKDACVNNSALGGEVYRLPPQKEETQSCPNSLEDNNLQLEKSVSIHTP<br>VVSLSPHKNLPVDMQLKKEKKCVKLIGVPADAEALSERSGNTPNSPRLAAESKLQTE |

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VKEGKETSSKLEKETCKKSHPILYVSSKSTPETQCPQQ

#### Applications

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

#### Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### GENE INFORMATION

#### Gene Name

SPDL1 spindle apparatus coiled-coil protein 1 [ Homo sapiens (human) ]

#### Official Symbol

SPDL1

#### Synonyms

SPDL1; spindle apparatus coiled-coil protein 1; CCDC99; coiled-coil domain containing 99; protein Spindly; FLJ20364; Spindly; hSpindly; arsenite-related gene 1 protein; rhabdomyosarcoma antigen MU-RMS-40.4A; coiled-coil domain-containing protein 99; rrhabdomyosarcoma antigen protein MU-RMS-40.4A; FLJ40690;

#### Gene ID

54908

#### mRNA Refseq

NM\_017785

#### Protein Refseq

NP\_060255

#### MIM

616401

#### UniProt ID

Q96EA4

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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