

# Recombinant Full Length Human SPDL1 Protein, GST-tagged

**Cat. No.** SPDL1-2914HF    **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>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 605 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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>EKLKVELDEARLSEKQLKHQVDHQKELLSCKSEELRVMSEVQESMSSEMLALQIEL<br>TEMESMKTTLKEEVNELQYRQEQLLELLITNLMRQVDRLKEEKEEREKEAVSYNALE<br>KARVANQDLQVQLDQALQQALDPNSKGNLFAEVEDRRAAMERQLISMKVYQSL<br>KKQNVFNREQMQRMKLQIATLLQMKGSQTEFEQQRLLAMLEQKNGEIKHLLGEIR<br>NLEKFKNLYDSMESKPSVDSGTLEDNTYYTDLLQMKLDNLNKEIESTKGELSIQRMK<br>ALFESQRALDIERKLFANERCLQLSESENMKLRAKLDELKLKYEPEETVEVPVLKKRR<br>EVL PVDITTAKDACVNNSALGGEVYRLPPQKEETQSCPN SLEDNNLQLEKSVSIHTP |

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VVSLSPHKNLVPVDMQLKKEKKCVKLIGVPADAEALSERSGNTPTNSPRLAAESKLQTE  
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

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UniProt ID

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