

# Recombinant Full Length Human SPDL1 Protein, C-Flag-tagged

**Cat. No.** SPDL1-2106HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human SPDL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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.                                                                                                                                                                                                         |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 70 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MEADIITNLCRLKEAEEERLKAAQYGLQLVESQNELQNQLDKCRNEMMTMTESYE<br>QEKYTLQREVELKS RMLESLSCECEAIKQQQKMHLKLEEQLSRSHGQEVNELKTK<br>IEKLKVELDEARLSEKQLKHQVDHQKEL LSCKSEELRVMSERVQESMSSEMLALQIE<br>LTEMESMKTTLKEEVNELQYRQEQLLELLITNLMRQVDRLKE EKEEREKEAVSYNA<br>LEKARVANQDLQVQLDQALQQALDPNSKGNLSFAEVEDRRAAMERQLISMKVKYQ<br>SLKKQNVFNREQMQRMKLQIATLLQMKGSQTEFEQQERLLAMLEQKNGEIKHLLGEI<br>RNLEKFKNLYDSM ESKPSVDSGTLEDNTYYTDLLQMKLDNLNKEIESTKGELSIQRM<br>KALFESQRALDIERKL FANERCLQLS ESENMKLRAKLDELKLKYEPEETVEVPVLKK |

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RREVLVPVDITTAKDACVNNSALGGEVYRLPPQKEETQSC PNSLEDNNLQLEKSVSIH  
TPVVSLSPHKNLPVDMQLKKEKKCVKLIGVPADAEALSERSGNTPNSPRLAA ESKL  
QTEVKEGKETSSKLEKETCKKSHPILYVSSKSTPETQCPQQ TRTRPLEQKLISEEDL  
AANDILDYKDDDDKV

|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| <b>Gene Name</b>       | SPDL1 spindle apparatus coiled-coil protein 1 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | SPDL1                                                                  |
| <b>Synonyms</b>        | CCDC99                                                                 |
| <b>Gene ID</b>         | 54908                                                                  |
| <b>mRNA Refseq</b>     | NM_017785.5                                                            |

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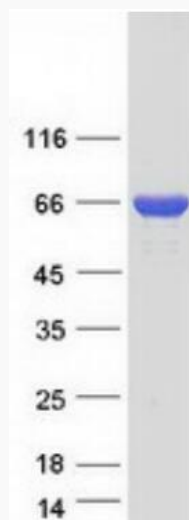
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**Protein Refseq** NP\_060255.3

**MIM** 616401

**UniProt ID** Q96EA4



Coomassie blue staining of purified SPDL1 protein.

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