

Product datasheet for **TP509383**

Spdl1 (NM_027411) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse spindle apparatus coiled-coil protein 1 (Spdl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209383 protein sequence Red =Cloning site Green =Tags(s)

MEADITNLRNKLKECEDERLKAHYGLQLLERQTELSQLDKCHEEMMITAEKYNQEKHALQREVELKSR
MLDSLSCECEALKQQKAQLEQLVQLHRSHRQEVSDLKNKLENLKVLDPEARLGEKQLKQKLDLQGELL
AHKSEELRLLSEQRVLSSMSSELLALQTELTAAEGVKNALKEEVNELQYKQEQLECLNTSLHQVDRLE
EKEEREREAVSYNALEKARVENQDLQVQLGHALQQAADPNKGNLFAEVEDRRVAMERQLNLMKDKYQ
SLKKQNAFTRDQMNKMKLQISTLLRMRGSQTEFEQQERLFAMIEQKNGEIKHLLGEINKLEKFNLYESM
ESRPSTSDTACVLEDSTYYSDLLQLKLDKLNKENESTKDLSIQRMKALFESQRALDIERKLFTNERHLQ
LSEENMKLRAKLDELKLYEPEERIEVPVKRRREVLPLNITTPETEETAASATEDGVSRLPPHREE
ESCLNSLKDNTVQWKQPASSCVQPASLSPHKNLHLDTPKKEKKCVKLVDSANIEVLHEQSGNTPNSPR
LTAESKLPTEVKERIETTSKLGKGACKKSHNIIYVSSKSAPETQCSQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	70.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_081687](#)

Locus ID: 70385

UniProt ID: [Q923A2](#)

RefSeq Size: 2526

Cytogenetics: 11 A4

RefSeq ORF: 1827

Synonyms: 1700018I02Rik; 2600001J17Rik; 2810049B11Rik; AA409762; Ccdc99

Summary: Required for the localization of dynein and dynactin to the mitotic kintochore. Dynein is believed to control the initial lateral interaction between the kinetochore and spindle microtubules and to facilitate the subsequent formation of end-on kinetochore-microtubule attachments mediated by the NDC80 complex. Also required for correct spindle orientation. Does not appear to be required for the removal of spindle assembly checkpoint (SAC) proteins from the kinetochore upon bipolar spindle attachment. Acts as an adapter protein linking the dynein motor complex to various cargos and converts dynein from a non-processive to a highly processive motor in the presence of dynactin. Facilitates the interaction between dynein and dynactin and activates dynein processivity (the ability to move along a microtubule for a long distance without falling off the track) (By similarity).[UniProtKB/Swiss-Prot Function]