

Product datasheet for **SC321078**

Spindly (SPDL1) (NM_017785) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spindly (SPDL1) (NM_017785) Human Untagged Clone
Tag:	Tag Free
Symbol:	Spindly
Synonyms:	CCDC99
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_017785.2
 GGGGGACTCGAGAGCTAGCTGAGCGAATGGGCCGGCGACTGTGGAGTTAGCGTCCTCAAT
 GTGGACGCCCTGAGCTCCCATAGGAGCCGCTGGCTGCGGCAGCAGGGGACTAGCGTGAA
 AGTTGGCTAAAAAAGAAAAAGAACATGGAGGCAGATATAATCACAAATCTTCGATGCAG
 GCTCAAAGAGGCTGAAGAAGAGCGACTAAAGCTGCACAGTATGGTTTACAACCTAGTAGA
 GAGTCAAAATGAATTACAGAATCAATTGGATAAATGTCGTAATGAAATGATGACCATGAC
 TGAGAGTTATGAACAAGAAAAATATACCTTCAAAGAGAAGTTGAACTCAAGAGTCGAAT
 GTTAGAAAGTTTGGAGCTGCGAATGTGAAGCTATTAACAACAACAAAAATGCACCTGGA
 GAAATTGGAAGAACAATAAGCAGAAGCCATGGACAGGAAGTGAATGAACTAAAACTAA
 GATAGAAAACTGAAAGTGAATTAGATGAAGCCAGGCTTAGTGAAGCAGCTGAAGCA
 CCAAGTAGATCATCAGAAGGAACCTCTCTTGTAAATCAGAGGAAGTGCAGCTAATGTC
 TGAACGTGTGCAGGAAGCATGTCTTCAGAGATGCTGGCTCTTCAAATTGAGCTGACAGA
 AATGGAGAGTATGAAGACCACCTCAAAGAAGAAGTGAATGAACTACAATACAGACAAGA
 ACAGCTAGAACTTCTTATTACTAACCTAATGCGCCAGGTAGACCGGCTTAAAGAGGAAAA
 AGAGGAGCGAGAGAAAGAAGCAGTTTCTTACTATAATGCCCTAGAGAAAGCTCGTGTAGC
 AAATCAAGATCTTCAGGTACAGTTGGACCAGGCACTCCAGCAAGCCTTGATCCCAATAG
 TAAAGGCAACTCTTTGTTGTCAGAGGTGAAGATCGAAGGGCAGCAATGGAACGTGAGCT
 TATCAGTATGAAAGTCAAGTATCAGTCACTAAAGAAGCAAAATGTATTTAACAGAGAACA
 GATGCAGAGAATGAAGTTACAAATTGCCACGTTGCTACAGATGAAAGGGTCTCAAAGTGA
 ATTTGAGCAGCAGGAACGGTTGCTTGCCATGTTGGAGCAGAAGATGGTGAATAAAAACA
 TCTTTTAGGTGAAATTAGAAATCTGGAGAAATTAAGAATTTATATGACAGTATGGAATC
 TAAGCCTTCAGTCGACTCTGGTACTCTGGAAGATAACACCTATTATACAGATTTACTTCA
 GATGAAGCTGGATAACTTAACAAAGAAATGAAAGCACTAAAGGTGAATTGTCCATACA
 GCGAATGAAAGCATTATTTGAGAGCCAGCGGGCTCTAGATATTGAGCGAAAACTTTTTCG
 AAATGAAAGATGCCTCCAGCTTTTCAGAAAGTGAATATGAAACTGAGAGCTAACTAGA
 TGAATTGAACTAAAAATGAACCTGAAGAGACAGTTGAAGTGCCTGTACTGAAAAAGAG
 GCGTGAGGTGCTCCCTGTGGATATAACCACCGCTAAAGATGCATGTGTCAACAACAGTGC
 TCTCGGGGAGAGTTTATCGATTACCGCTCAGAAAGAGGAGACACAGTCTGCCCTAA
 CAGTTTGAAGATAACAACCTGCAATTAGAAAAATCAGTTTCTATACACACACAGTAGT
 CAGTCTCTCTCTCACAAAAATCTGCCGTGGATATGCAGCTGAAGAAGGAAAAAGAAATG
 TGTGAAACTCATAGGAGTTCCCGCTGACGCTGAGGCCTTAAGTGAAGAAGTGGAAACAC
 CCTAACTCTCCAGGTTAGCTGCTGAATCAAAGCTTCAAACAGAAGTTAAAGAAGGAAA
 AGAAACTTCAAGCAAAATTGGAAGAAAGAACTTGTAAAGAAATCACACCCTATTCTATATGT
 GTCTTCTAAATCTACTCCAGAGACCCAGTGCCCTCAACAGTAAAGACTTTTCTTTAATAA
 GAGTACGGTGCCACTTGCTCAAAGTTACTATGGTGCTTAAGATTGTCTTGATCTGACA
 TATATCACCTTCTGGGTATTTACTCATTGTGCCAGGACCTGGCATTTTCATGTGCCTTT
 GACCAAGTGTTGAGAATTTGCTTGACTTAACCTGGAGAGCTTCTTAAGTATGCCCCCTT
 CATGGAGCTTCTATGACAGTGAATAAATTAATTGAAGGAAAAATGTTATAATTAATGT
 ATCTATTTGCTGCATTGTATATGGATTAATGATAAAAAACAAGTAATCTACCCTCAGAG
 CCATGATTTTGAGAAATGCTTCAATCATATTTTCTATGTACTTTTTTTTATAAACTTAGT
 TTTAGACTATGTTGTAAGAAATGGGAAGGTTGTAAGTATGTTGTAAGAAATAGGAAATGTG
 GCTTAAATATATACATTATATTGTTTCAGGATTTTGTGAGTGTAAAGAACCAATGTT
 CATCTTTGTATTTATATACATGATTTAAATTTTGTCTAAATTTTAAATAAACTGCAGT
 GATTTATCCGTAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA

Restriction Sites: Please inquire

ACCN: NM_017785

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_017785.2</u> , <u>NP_060255.2</u>
RefSeq Size:	2561 bp
RefSeq ORF:	1818 bp
Locus ID:	54908
UniProt ID:	<u>Q96EA4</u>
Cytogenetics:	5q35.1
Gene Summary:	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] Transcript Variant: Variants 3 and 4 encode the same isoform (b).