

## Product datasheet for RN210266

### Specc1l (NM\_001039455) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Specc1l (NM_001039455) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Specc1l
Synonyms:	Cytsa; RGD1309570
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210266 representing NM_001039455 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGAAAGCAAACAGGAGTGCTGGCTCAGTGCCTAAGGTGTCTGGGATAAGCAAACCACAAACGGTAG  
AAAAAAGCAAGTCTGAAAACAGCTCTTCAGCACCCACAGGAGGCAAACCTGTAAGCCTGGGGCAGCAGC  
GGCCTTGTCAAAGACCAAGAGCAATGATGACCTTTAGCTGGAATGGCTGGAGGAGTGAACGTGACTAAT  
GGTGTAAAGCCAAGAAAAGCAACTGTTTCATCTGCAGCGCCTTCAGCCCCTGCCCTGCCATGACCATCT  
CGGAGAGCAAGTCCAAGAGTAGCACAGGCACTAGTTTCCTCAGCCAAACGGAGTACTTCGGCTGGTAATAA  
AGAGTCCAGTTCTACTAGAGAAAGATTACGTGAACGCACCCGGCTAAACCAGAGCAAAAACTGCCCTCC  
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GCTCAACCAGCTCAAGAATGAAAACAGAATGCTAAAGGACAGGCTGAATGCTTTGGGCTTTCCCTAGAG  
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AGCGAGGTCTACCAGCCCCTCACTTCCAGCGATGATGCTCTGGACGCCCTTCTCTTCCAGAGTCAGAGG  
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TCATTCTCATGGAGTCGCTGTGTCAGCAGAGTGATAAGCTGGAACACTTTGGCCGACAGATTGAATTTT  
CCGTTCCCTTCTCGATGAGCATCACATTTCTTACGTCATAGATGAAGACGTAAGAGCGGGCGCTACATG



GAGCTAGAGCAGCGCTACATGGACTTGGCTGAGAATGCCCGTTTTGAGCGAGAGCAGCTTCTAGGCGTTC  
 AGCAGCATCTAAGCAACTCTGAAGATGGCCGAACAAGATAACAAGGAAGCTCAAGAAATGATCGGTGC  
 CCTCAAAGAGCGCAGCCACCACATGGAGCGGATAATTGAGTCTGAGCAGAAGGGCAAGGCGGCCCTGGCA  
 GCCACGTTGGAGGAGTACAAAGCTACTGTGGCCAGTGACCAGATAGAGATGAATCGCTTGAAGGCCCAGC  
 TGGAGAAGGAGAAGCAGAAGGTGGCTGAGCTGTACTCTATCCATAACTCTGGAGACAAGTCCGATATCCA  
 GGACCTCTGGAGCGTCAAGCTGGACAAGGAAAAGGCCGAGACTCTGGCCAGCAGCCTGCAGGAGGAC  
 CTGGCTCATACCCGCAATGACGCCAATCGCTTACAGGACACCCTGCTAAGGTAGAAGTGAATACCGAG  
 CTTTCCAGGAAGAAGCCAAGAAGCAGATTGAAGATTTGAATATGACGTTAGAAAAGCTAAGATCAGAGCT  
 GGAGGAAAAAGAAACAGAGCGGAGCGACATGAAGGAAACCATCTTTGAGCTTGAAGTGAAGTGGAGCAG  
 CACCGGGCTGTGAAGCTGCACGACAACCTCATTATCTCTGACTTAGAGAATACAGTTAAAAAACTCCAAG  
 ACCAAAAGCATGACTTGGAAAGAGAAAAACAAGACCCTTACAGGAGACTTCGGGAAGAGTCCGAGAAATG  
 GCGGCAGTTTCAAGCTGATCTCCAGACTGCGGTGGTATTGCAAAATGACATCAAGTCTGAAGCCCAAGAG  
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 ACAGTAAAAACCTCATCAAGTCTTTCGACAGTGCCTCTCAAGTACCAAATGCTGCTGCTGCTGCAATCC  
 CTCGGACACCTCTGAGTCCAAGTCCCATGAAGACCCCCCTGCAGCTGCCGTTTCCCCATGCAGAGACA  
 TTCTATAAGTGGGCCAGTCTCGACCTCCAAGCCTCTGACAGCCTTATCGGATAAGAGGTCAAATATGGA  
 GAAATCCCGGACAAGAGCATCTACTAAGAAGCTTCAACTAGCCGACCCGCTCTCTCCAAGAGTCC  
 CTGCTATGGAAAGTGCTAAGACCATCTCAGTGTCTCGACGGAGTGTGAAGAAATGAAGCGGGACATATC  
 TGCATCTGAGGGGCATCACCAGCCTCTCATGGCTATGGGCACCACATCCCCACAGCTCTCCCTGTCT  
 TCCTCTCCACCGCATCAGTCACTCCAAGCACCAGCCGAATAAGGGAAGAAAGGAAAGACCCCTCT  
 CAGCATTGGCGAGAGAATACGGAGGATCTAAGAGGAATGCCTTGTGAAGTGGTGCAGAAGAAAAACAGA  
 AGGCTATCAGAAATCGACATCACAACCTTCAGCAGCAGCTGGAACGATGGGCTTCTGCGCACTT  
 CTTACACCTATCTCCAGCCACATACCATATCAAGAGCTGAACAGCCAAGAGAAGAAAAGAACTTCA  
 CCTTGGCTTTCAGGCAGCTGAAAGTGTGGAATCAAATCCACTCTGGACATCAATGAAATGGCAGGCAC  
 TGAACGGCCGACTGGCAGAACGTAATGCTGTATGTCACAGCCATCTACAAGTACTTTGAAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001039455
- Insert Size:** 3357 bp
- 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).
- 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: [NM\\_001039455.1](#), [NP\\_001034544.1](#)  
RefSeq Size: 4307 bp  
RefSeq ORF: 3357 bp  
Locus ID: 361828  
UniProt ID: [Q2KN99](#)  
Cytogenetics: 20p12  
Gene Summary: Involved in cytokinesis and spindle organization. May play a role in actin cytoskeleton organization and microtubule stabilization and hence required for proper cell adhesion and migration (By similarity).[UniProtKB/Swiss-Prot Function]