

Product datasheet for **RN209985**

Specc1 (NM_001039017) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Specc1 (NM_001039017) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Specc1
Synonyms:	Cytsb; RGD1309718
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209985 representing NM_001039017
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGAGTGCCACCAAGCCCTGGAGTCCAGTTGCCAAAGCAGGCAGCCATGGTCTGATCGCACTCGGC
 CCCTCCCTGGGACCCCTTCTGGCATGAAGAGCTCCAAGTCTTCAACCTCGCTGGCCTTCGAGTCTCGGCT
 TAGTAAGCTCAAGAGGGCCAGCAGCGAGGACATGCTCAACAAACCTGGAAGTGCCTCATCAGGGGTGGCG
 AGACTGAAGAAGACCTCAACTTCCGGAGCCATCTCTGAGCTACCGAGAGCCGCCTGAGGAGCAACACAG
 GGACTATTCCAACAATAACGGACGGGCAATCCAGCTCCACGGAACTCTCTGTAACATCTCCAGAGA
 GAGATCTGTGCCACGTGGTCCCTCCAGCTCAAAGAAGTTGGGCTCCAGTCCAACCTCCTCCTGCAATCCC
 ACTCCTACCAAGCACCTAAGGACCACCCTGCAAAACCTAAGCAAGAGCATGAAGGTACAGAGAAGGCTG
 TGCTCGAGTCCCAGGTACGCGAACTTCTGGCAGAAGCCAAAACCAAGACAGTGAATCAACAGGCTTCG
 AAGTGAACATAAAAAATGTAAGAGAGATGGGCCCTGGGCACTGAGGACTCCAATGCTTCAGACCCAAGT
 ACAGAGGGAACATCAGTCCCAGGAAGTGACACAGAGCCTTTGATAAGAACCCTGGAGGAGAAGAACAAGA
 CCTTTCAGAAAAGAGCTTGCTGACCTAGAGGAAGAAAACAGGGCCTTGAAGGAGAACTGACTTATCTTGA
 ACAGTACCAAATTCAGAAGGGGACGAAAGTACACTGGTACAGCAGCTGTCCAACATCTATAACCCAC
 GAGTCCAGTTTTGGAAGCCAGTTGAAATGAGCTGTCCAGTGAACGGATGAGTACAGAAGAAACACAC
 ATGGGAGTGCCTGCGGACATCAGGGTCTTCAAGCAGTGTACTAAAGTCTCTATCACCGGATGC
 CTCAGATTTTGGAGATACACTGCAGATACCCATCTCGGCCCTGTGAGCCACTAGCAACCCCTTAAAG
 AGCTCAAAGGGCTCCCTACTGGGAGCTCCCAAAACATGCAAGTGAAGTGTCTTGGCATCTCTTACTG
 AGAAGATACAAAAGATGGAGGAGAATCAGCACAGCACTGCGGAAGAGCTGCAGGCTACTGCAGGAATT
 ATCAGACCAGCAGCAGATGGTGCAGGAAGTACAGCGGGAATGAGAAGCTAGTGGACGAGAAGACCATT
 TTAGAGACCTCCTTCCACCAGCACCAGAGAGAGCAGAACAGCTGAGTCAAGAAAATGAGAACTGATCA
 ACCTTTTACAAGAGCGAGTGAAGAATGAGGAACCTAGTGCCCAAGGAGGAAAGATCCTCGAGCTGGAGCA
 GAAGTGCACAGATATTCTTGAGAAGAGCCGCTTTGAAAGGGAGAAGCTGTCAACATTCAGCAGCAGTTG
 ACCTGTAGCCTACGGAAGGTGAGGAAGAAAACCAAGGCGCTATAGACATGATTAAGCACCTGAAGGAAG
 AAAATGAAAAGCTGAGTGGTTCCTAGAACATGAGCGGTGTAATAATAGTGTGATGGCCAAAACCTTGGG
 GGAATGTAGAGTTACCTAGAAGGCTTGAAGTGGAGAATGGTCTTGAAGGCTCATTTGGAGGCTGAT
 AAGCAAAAGGCCGTAGAGGCCAGCAGTACCATGGGCGAGCAGCAGAGAAGCTTCGAGGTTCAAGAAATGC
 TGAAGTGGCTCGAGCTGAGAAAGATCAGTTGCAACTGTCTTGCACAGAGCTCAGACAAGAATTGCTAAA
 GGCAAAATGGTGAATTAACACGTTTCCAGCCTGCTAGCTAAGATGGAAAAAGATTATTCTTACCTGAAG
 GAAGTCTGTGATCATCAAGCAGAACAGCTGAGCAGAACCAGCCTAAAATTACAAGAAAAGCTTCAGAAA
 GTGATGCAGAAATCAAAGACATGAAAGAAACCATATTTGAACTGGAAGACCAGGTGGAACAGCACCCTGC
 TGTCAAGTTACACAATAACCAACTCATCAGCGAACTGGAAGCAGTGTGGTCAAGCTGGAAGAGCAGAAG
 TCAGACCTAGAGCGGCAACTAAAGACGCTAACAAAACAGATAAAGGAGGAACTGAGGAATGGAGGCGGT
 TCCAGGCAGACCTGCAGACTGCAGTGGTGTGGCAACGACATCAAGTGTGAGGCTCAGCAGGAAGTCCG
 GACTGTGAAGAGGAGTTGCTGGAAGAGGAAGAAGAACGCCAGGCTGCAGAAGGAGCTGGGAGACATA
 CAGGGGCATAGCAGCTCCATGGTCTCTGTCAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_001039017
 Insert Size: 2346 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:	<ol style="list-style-type: none">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_001039017.1</u> , <u>NP_001034106.1</u>
RefSeq Size:	2829 bp
RefSeq ORF:	2346 bp
Locus ID:	303208
Cytogenetics:	10q22-q23