

Product datasheet for **RN206829**

Spice1 (NM_001008285) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spice1 (NM_001008285) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spice1
Synonyms:	Ccdc52; RGD1310729
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206829 representing NM_001008285
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCATTGATCAGAGTGAACCGCTTTGGTCCCGGGGAGGTGCAAGAAAGACTCTGAAAGTAAAGAAGA
 AAGCTGCAGTGAGGCAAGAGTGGGATAATACTGTGAATGATCTAACAGTTCACCGGCAACTCCTGAAGA
 TCTGGTGCGCCGTCATGAGATGCACAAGTCAAAGAATAGAGCATTGGTGCCTGGAACTTCAAGAAAAA
 GCTTTGAAGAGAAAAATGGAAAGCAGAAACCAGAAACCTCAAGTATTGAAAAAGAAAGTTATCTATCA
 TGAAGGAGATTCTTTCTGATCAGTACCAGACACAGGATGTGCTGGAAAAGTCTGATCATCTGCTGACTGC
 AGCCAAAGGTCTGTTTGTGATGTTCTCGTAAGCGCACAGGGTTTCAAACGTAACAATGGCTCCAGGC
 TCCTCACGGAGCCCGCTGGAATAAATCAAGACCCTGGCACCCAGTCTATCCTTAACGAATCAATCATAG
 AGCCTCAGGCTCTTAATGAAGTAGACGATGGAGGGCGGAAAGCACTGCTCATAGCCAGTCAGAAGACAG
 TGAGAGCGAACTGCCTAACTCCCTCAGCCCACTCCAACAGGAATACAGAGAGGTTTCTTACCAGCTA
 AAGGAAGAAAAATCTGAGTTAATCAATCAACTGTGGACTGATATTCAGCAGAAGATCGCTGCCAGCTCAC
 AAAGAACTCCTCCAGGCTCTCCGCTCCTCGGAGCTTTCAGCAGAGGATCAGAAAGGTGCTCTGAATGCAAC
 AGATGCTGTCAAGAGAATCCAGGCTGGGCTTACGCTGAGGAGTCTGCTGAACCTGTAGACTCCAGCTAT
 GTGGGGCAGGTGCTGAACACAAGGAAGCCAAAGCCGCTGCTAAGCAAAGTGAAAAGAAAACAAGATATGC
 GTGCTCTCTCAAAGCAGAAGAAAAACATGCTCTCCTCCAGCACAACTCTGCAGACTTAGCAAGTAGCAA
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 TGGACAGGCCGTGAGGTCAAGGGGCTGCAGGGTGGTCAAGGACTCACAGGCTTCACTCTGCTCCCTGGTGA
 GCTCGCTGCGCGCTGTTTCGGTACCTTAAAGAGAGTGAACCCAACTTCGGAAGAAGTAGAGACAAG
 GCAGCAGCTGGAACAGATGTTAGGTGATCACCGAGAGCTCATTGATGCGCTGACAGCTGAAATTCCTCTC
 CTAGAGAGGAAAAATGGTGCCGTCAGGCGAGACTTACAGCAGTACATGGTTACTACAGATGAGCAGCTTA
 TATCGCTCACACATGCCATTAAGAGCTGTCTGTGATCAATAACTCCAGACAAGAAAGTCAAGCACCAGA
 AAGGGCAGCTATGGGTAGAAGACTTGTGGATAATGTAGGGGCTCCTGTGGTAAACAGTAATGTCTCCATG
 CCGTTGATGCTCAAAGGGGAGGAAATGGTTGACTTCCCACAGGAAGAGCTGCCTGTTAAACTATCTCAGG
 GGCCACCCCCACAGAAAACCTTGAATCTGGCCAGTAACTCCCGACACATATTTTGGCCAGCCGTGAT
 GCTCACACCACCCAGGCAGAAGAGCAACTCGGAATTCCTCCTCTGCAGGACGTACTGAGGAGAAGTGT
 CAGACTCGTCCAGCTCCACGAATTCCTCCCACTGTGGAAGTTATAGAGAAGGAACAGACCTGGGAAAAGA
 AGAACCTGCCTATTGATCCAGACATTAGAACTCAAGTGAGGAAAGCCGCTCTTCACTCAGAGGTGGAG
 AGTCTCTCACATGGGAGACGACTTAGAGAACAAGGCCAGCCACAGTTTGTAGCCTGTCACAGCCCCCA
 CAGTTTGTAGCCTGTCACAGCCCCCTTGCAGTTCCTCCAGCACTCAGCAATCGAGAAAACCCCGTGT
 TCTCAGAGGAGCCACAGTGTGGAGATGGGCAGCAGCTCGGAACAGCTGACGCACTGATGCACAGGAA
 GGACATAATGGCCGGATCGCTGAGCTGACACTGCAGAATTCAGCCATGAAGGCGCACCTGAACAATATT
 ACCAGCTCAGGGGGAGAGCAGGCGATGGACTCCGGGAGCCGAGCAGACAGGGAATGCCAGCGAAGTGC
 CTGCAAAATTTCCAGCAGTTCAGTCTCTGATGCCAAGCAGCATGGAGGAGAGGATTGCAGAGCTGAACCC
 ACAGAGCATGGAGGCTCGCAGCAAACCTGCTCCAGTTGATAGAGCAGCAGAACTTGTGGTTTGACCCCTT
 TCCTCGTACCAGTGTACCTGTTGAGTACCTCTCAGAGCTTGGACTGAGGAAGGAAAGCGAACCATCG
 AGGTATCTGTCCAGGAGTGGAGGCTTCCGAGAGTTCGAAGTGAATACTGTGTCTCCCGTCAGTGGGGT
 CAGTTCAGAGAAGATCGTCAAGGGCGATTAGCAATTCCTGTTCTCCACTGAACGCCACCTCGGGAAGTGGG
 AAGTTCACGCCAGTTAATCCAAGAACAAGCAGACTGAGAAGCAAAGTGAGGAAGGCTGTTTGTCTTT
 CTGCCCACTTACCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001008285
Insert Size: 2607 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:	NM_001008285.1 , NP_001008286.1
RefSeq Size:	3056 bp
RefSeq ORF:	2607 bp
Locus ID:	288111
UniProt ID:	Q5RKG1
Cytogenetics:	11q21
Gene Summary:	Regulator required for centriole duplication, for proper bipolar spindle formation and chromosome congression in mitosis.[UniProtKB/Swiss-Prot Function]