

Product datasheet for **MC222181**

Spice1 (NM_144550) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spice1 (NM_144550) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spice1
Synonyms:	Ccdc52; D16Ert480e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222181 representing NM_144550
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATTGATCAGAGTGAACCGCTTTGGTCCCGGGGAGGTGGAAGAAAACTCTGAAAGTAAAGAAGA
 AAGCTGCAGTGAGGCAAGAATGGGATAACTGTGAATGATCTAACAGTTCACCGGCAACTCCTGAAGA
 TCTAGTGCGCCGTCATGAGATGCACAAGTCAAAGAATAGAGCATTGGTGCCTGGAACTTCAAGAAAAA
 GCTTTGAAGAGAAAAATGGAAGAAGCAGAAACCAGAACTTCAAGTCTTGAAGAAAAAGAAAGTTATCTATCA
 TGAAGGAGATTCTCTGATCAATACCTGACACAGGATGTGCTGGAAAAGTCCGATCATCTGATGGCTGC
 AGCCAAAGGTCTGTTGCTGATGTTCTCGTAAGCGCACAGGTTTCCAATGTAACAAGGGCTCCAGAT
 TCCTCACAGAGCCACTGGAATAAATCAAGACCTGTCAACCCAGTCTATCCTTAATGAATCAATCATAG
 AGCCTCAGGCTCTTAATGAAGTCGACGATGCAGGGGAGCAGAGCACTGCTCACAGCCAGTCAGAAGACAG
 CGAGAATGAATTGCCTAACTCCCTCAGCCAGCATTCTAACAGGAGTACAGAGAGGTTTCTTCAACCACTA
 AAGGAAGAGAATTCAGGTTAATCAATCAACTGTGGACTGATATTCAGCAGAAAAATCGCTACCCAGTCAC
 AAAGAACTCCTCCAGGATCTCCGTCCTCGGAGCTTTCAGCCGAGGATCAGAAAAGTGTCTGAAATGCAAC
 GGATGCTGTCAAGAGAATCCAGGCTGGGCTCAGCCTGAGGAGGCTGCTGAGCCTGTAGACTTCAGCTCC
 AGCTACCTGGGACAGGTGCTAAACACAAGGAAGCAAAAGCCGCTGCTAGCTAAAGTGAAGAAAAACAAG
 ATATGCATGCTGCCTCCAAGCAGAAGACAACATGCTGTCCTCCAGCACAGCCTCTGCAGACAGACCCAG
 TAGCACTGGCTCCAGCCTGGACGTTCTCAAACAGTGATCCATGAAGTGGAGCACGAGATGGAAGAGTAT
 GAGCGGTGCACAGGGCGTGAGGTACGGGGCTCAGGGTGGTCAAGGACTCACAGGCTTCAACCTGTCCC
 TGGTGAGCTCTCTGCCGCTGGTTCGGTACCTTAAAGAGAGTAAATCCAATTCGGAAGAAGTATGA
 GACAAGGCAGCAGCTGGAACAGATGTTAGGTGATCACCGAGAGCTATTGATGCCCTGACAGCTGAAATC
 CTCTCCCTCAGAGAAGAGAATAGTACCATGCAGGCGAGACTTCAGCAGTACATGGTTACCACAGATGAGC
 AGCTCATATCGCTCACACATGCCATTAAGAAGTGTCTGTGATAAATAACTCCAGACAAGAAAGTCAAGC
 ACCAGAAAGGGCAGCTATGGGTAGAAGACTTGTGGATAATGTAGAGGGTCTGTTATAAGCAGTAATGGC
 TCCATGCCATTGATGTTAGAGGGGAAGAAGTGGTTGAATTTCCACAGGAAGAGTTGCCTGTTAAACTAT
 CTCAGGGGCCAACCCACAGAAAATCTGAATCTGGCCAATAATTTCCCAACCCATATTTTCGAGCCAGC
 TGTGATGCTAACACCACCAGGCAGAAGAGCAACTCAGAATCTCTCCTCTCCAGGATGTTCTGAGGAGG
 ACTGTTACAGACTCGTCCGGCCCCACGAATTCACCCCACTGTGGAAGTTATAGAGAAGGAGCAGAAGTGGG
 AAAAGAAGGCCCTGCCTATTGATCCAGACATTCAGAACTCAAGTGAAGAAAACCGTCTTCTCACTCAGAG
 GTGGAGAGTCTCGCACATGGGAGAAGACCTGGAGAACAAGGGCAGCCAGCATTGTTAGCCTGTACAG
 CCGCCTTGTAGTTCCTTCCCAGCACTCAGCAGCCAAGAAAACCCCGTGTGTGTCAGAGGAGCCCACTGTGC
 TTGGAGATGGGCAGCAGCTCAGAACATCGGAGGCCCTGGTGCAGAGGAAGGACATTATGGCCCGGATCGC
 CGAGCTCACACTGCAGAATTCAGCCATCAAGGCCACCTGAACAATATTACCAGCTCAGGGGGAGAGCAA
 GGTGATGGACTGCGGGAGCCACGCAACAGGGAAGTGCAGTGAAGTGTCTACTAATTTCCAGCAGTTC
 AGTCTTTAACCCAAGTAGCATGGAGGAGCGGATTGCAGAGTTGAACCGACAGAGCATGGAGGCGCGCAG
 CAAACTGCTCCAGCTGATAGAGCAGCAGAAAATGTGGGCTTGAACCTTCTCTCATCACCCGTTGCACCC
 GTGGAGTCACCTCTCAGAGCGTGGGCCGAAGAAGGAAAGCGAACCATCGAGGTGTCTGTTCCAGGAATGG
 AGGCTTACAGAGTTCAAATGCAATACTGTGTCTCCTGTGTCAGTGGGAACAGTTCAGAAGATCGTCAGG
 GGCGATCAGCAATTTGTTCTCCACTAAACGCCACCTCAGGAAGTGGGAAGTTCACACCAGTAAATCCA
 AGAACAAAGACTGAAAAAATAAAGAAAGGTTGGTTTGTCTCTCTGCCACATACCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_144550
Insert Size: 2583 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_144550.4, NP_653133.3</u>
RefSeq Size:	4342 bp
RefSeq ORF:	2583 bp
Locus ID:	212514
UniProt ID:	<u>Q8C804</u>
Cytogenetics:	16 28.67 cM
Gene Summary:	Regulator required for centriole duplication, for proper bipolar spindle formation and chromosome congression in mitosis.[UniProtKB/Swiss-Prot Function]