

Product datasheet for **MC216688**

Spatc1 (NM_028852) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spatc1 (NM_028852) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spatc1
Synonyms:	1700084J23Rik; speriolin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216688 representing NM_028852
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCTACTTACAAGTTACGAGGGGCTTCGGCATCAGATAGAGAGGCTGGTGC GGGAATGAGGAAC
 TGAAGAAGCTGGTACGGCTCATTCTGGGAGAATCAGGAGCTCAAGTCTGCGATCAAGACTCAGGCAGGTGG
 CCTCTGCATCAGCGGGTTCACCGAGGGCTTGGTGAGGCAGCGCAGGCCCTCCCAACATCAGGGTGTA
 TTCCTGCCCCAGCTTCAGCAGCAGCAAAGGAGCCCTGCTCAGAAGACTTGGGGATGGTAGCACTGGCAC
 CTCTGGCTGACATGTTGAATACCCACAGCTCAGTCTGCAGCAGGCTCCCTTGTGAACCCCTGGCTGC
 TACTCTTAACCCACTGCTGTCTGGCCAAATACCTTGTTCAGAACAAACAGTTTGCCAATCTTGTCGA
 TGCTCCATGAGCAACCACTGACCAATCCTACTACAGTTTCCCAGGAGTCACCTTGGCCAGTTCTCTGG
 GTTTGCCCTCTACTGGACCCCTGAACAGTCAAATGACTAGTCCATGACTGTACCCCAAGGACCACTCT
 GGCCAGCTCACTGGGCTGACCTCAACTGGTTCCTAACAAACAGCAGCCGGCTGGTGGGCCCTCTGGCT
 GTATCTCAGAGCAGCCCCATCATGGCTCCCCTGGCAGGCACAGTGGCAGTCTCTCTGAGTAGTCCCTGC
 TCTCTCCACAGCTACCCCTCTAGGTGTTGCTCAGAACGTAAGTCCCAACCCATAAACACATAGGGCA
 GCCAGAGACGCCAAGGGTGGCGCTGGCAGAGCTACCCGAGGAACTTTCTGGAACCTCAGCCTATGCA
 GGACAGCTCCCACCTCCAAAGTCAATGATACCCGGGGTTCACGCGTATGGAACAGTCTCGGAAGAATG
 TCGTGGAGATGGAGCGGAAGACGCCACCGAAAGTCTAACAAAGTTACCTGACATCCCCGAGACACAAA
 ACAGCTAGTCTGTGAGAGGCTAGTGGGGGAAATCGCCTTCCAGCTAGACCGAAGAATCCTGTCCAGCATC
 TTCCAGAGCGCGTACGTCTCTACGGCTTCACTGTCTCAACATCCCAGAGAAGATCATCCAGGCCTCCC
 TAAACCCAGTAATCACAAGTTGGATGAGGACCTGTGCCAGACGCTCACACAGCGTTACGTGAGCATCAT
 GAACAAGCTGCAGAGCTTAGGCTACAACGGGCGGGTGACCCGGCACTGACAGAACAGCTGGTCAATGAG
 TACGGCATCTGCGCAGCGGCCCTGAGCTGGCGGCATCTGAAGGTGGCTGCTACACGGTGGACTTCTTGC
 AGCGTGTGCTATTGAAACCGTGACCCAGCAAGCTCACGGACGCCCTCCTGCTGCTCTCTGCCTCCA
 TCAGCTGTCCACGATGACGGCAAACCTATGTTTCATCTGGT**AA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_028852
- Insert Size:** 1443 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028852.1, NP_083128.1</u>
RefSeq Size:	1621 bp
RefSeq ORF:	1443 bp
Locus ID:	74281
UniProt ID:	<u>Q148B6</u>
Cytogenetics:	15 D3