

Product datasheet for **MC215841**

Spata1 (NM_027617) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spata1 (NM_027617) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spata1
Synonyms:	4921536I21Rik; AV266943; SP-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215841 representing NM_027617
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCTCAATCCAAGTCGACCATCTTCATCAGAGTTGGTGGAACTTCATGTTTTTTATGTCCCTGAAG
 GATCGTGGAACTATAAATTAATACTATTTCAATAGAAGTTATTAACAACCTTTATTTCTGCTGGATTAT
 AAGAGTATCTCCTCAGCTTACCTTACAAGCTCTGAGGGAGCGTCTGGGGAGTTTCTTGGTGTAGATGCT
 GTTGACAGAAAAATTTTTGTTCTGAAATGCATTGGAAATAATTTAGCTGTGGTAAAGGAAAAACAAGAA
 CAGAAGTAACTCAAATCATTGCTCCTCCATATGCTCTTCAACCAGAATTATATTTGCTCCTGTAAT
 AGATCACTTAGGAAATGTTTATTCAGCATCAACAGTTACTTTAGATGAACAGGAGAGTATTAATGATACT
 ACGGAGATTAATGGAACAATCTACAGACCAGATAGTGTATCTTTGTCAAAGGATGAACCTGGAAATCCAA
 GTTTGTTGGAAAAACATGGAGAGACTTACAATCAGGAAGAAGCTGAGGAAAGCCAACCTACACAAAA
 TCACTTTGGAAATCCAAGTTGCTGGGATCATTGGAAGAATCAAACGATTATTTGGAACTAAAAAGT
 CCATTTCTTTGGAAAAATGATGATGAGGAGGAGGATGAGGAGAAGGATAACGCAGCTCTCAGCAGAAGGC
 AGGCCACACTGGTGTGTGACAAGGAGTGCCTGCCCTGCCAGATCTGATTGATTTCCCTTCATTTCTTC
 TCAGCGGGTTTCTTAAGATTAAGTATACCTCTTTATTAATAAATTTGAGAGAGAGAAGATTATTGAACAA
 ATGAAACAAGTAAAGGAAGAACGAAAAATCTGGAAAAATATTAGAGAAGAACTAATAAAAAAAGTTGATA
 AGCTATTTGAACAAAAATAATCGAAACGATATCATGCCTCTGACAGCTGGGAGAAAAATACCTTGACAC
 CAAGAAAGTCACAGCATCATTGGAGGAAGTTTTAACAAAACCTCGAGAAGATTTGGAACTTTACTATAAA
 AAAGTCTCATGCAGCTTGAAGCCAGGGAGATCAAGATGCGACCAAGGAATTTGGCAAATATCTCAGATT
 CTAAAGATTATCTTATAATCCAGATTACTGAAGTACAGCACGCAATTGACCACTTAAGGAAAAATTGGA
 TACTGATAAAAATGAAACTCATATTAGAAGTTAAGATGAGAAAAACAAGCAGTTTCAGATTTACAGACATTA
 AAAGCTGATCTGACACAGAAGAAAAATGGGTGCACCTTTCCGACCTCCGATGTTTTCTGGAAGTGTCCAA
 CCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027617

Insert Size: 1335 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_027617.3, NP_081893.1
RefSeq Size: 1920 bp
RefSeq ORF: 1335 bp
Locus ID: 70951
UniProt ID: Q9D5R4
Cytogenetics: 3 H2