

## Product datasheet for **RN205909**

### Spata1 (NM\_001014177) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spata1 (NM_001014177) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spata1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN205909 representing NM\_001014177  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGCTCAATCCAAGTCGACCGTCTTCATCAGAGTTGGTGGAACTTCATGTTTTTTATGTCCCTGAAG  
 GATCGTGGAATAAAATTAATACTATTTCAATAGAAGTTATTAACAACCTTTATTTCTGCTGGATTAT  
 AAGAGTGTCTCCTCAACTTACTTTACAAGCTCTGAGGGAGCGTCTTGGTGTGATGATGCT  
 GTTGCGAGAAAAATTTTTATTTCTGAAATGCATTGGGAATAATTTAGCTGTGGTAAAGGAAAAAGCAAGAAT  
 CAGAATTGAACTCAAGTCATTTGCTCCTCATATGCACCTCAACCAGAATTATATTTGCTTCTGTAAT  
 AGATCACTTAGGAAATGTTTATTCAGCGTCGACAGTTAATTTAGACGAACAGCAGAGTGTGATGATACT  
 ATGGAGATTGACGGAACAATCCACAGACCAGATAGTTTGTCTTTGTCAAAGGATGAACCTGGAGATCCAA  
 GTTTGTTGGAAAATACATGGAGAGACTTTCCAAATCACGAAGAAGCTGAGGAAAGCCAGCCTACACAACA  
 GCACCTTTGGAAAATCCAGGTTGCCAGGATCATTGGAAGAGTCAGATGATTGTTTGGGGAACGTAAAAAGT  
 CCATTCCTTTGAAAAATATGATGAGGATGAGGGTGAGGAGGACGATAAGGCAACCATCAACAGAAGGC  
 AAGCCAAACTGGTGTGCGACAAGGAGCAGACGCGCCTGCCAGATCTGATTGATTTTCCTTCATTTCTTC  
 TCAACGTGTTCTTCAAGATTAGTGGATACCTCATTATTGAAAATGAGAGAGAAAAAGATTATTGAACAA  
 ATGAAGCAAGTAAAGGAAGAACGGAAATATCTGAAAAATATTAGAGAAGAACTAATTAAGAAAGTTGAAA  
 AGCTGTTTGAACAAAGTAAATCAAAACGATATCATGCCTGTGATAGCTGGAAGAAAAATATTTTGACAC  
 TAAGAAAGTCACAGCATCATTGGAGGAAGTCTTAACAAAACCTCGAGAAGATTTGGAACCTTACTATAAA  
 AAAGTCTCATGCAGCTTGAAGCCAGGGAGATCAAGATGCGACCAAGGAATCTGGCAAACATCTCAGATT  
 CTAAGAATTATCTTATAATCCAGATCACCGAAGTACAACATGCTATTGACCACTTAAGAGAAAGTTGGA  
 TACTGATAAAATGAAACTCATATTAGAAGTTAAGATGAGGAAACAAGCAGCTTCGGATTTACAGACATTA  
 AGAGCTGATCTGACACAGAAGAAAATGGGTACACCTTTCCGATCTCCAATATTTTCTGGAAGTGTCCGA  
 CCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001014177

**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\\_001014177.1](#), [NP\\_001014199.1](#)

RefSeq Size: 1897 bp  
RefSeq ORF: 1335 bp  
Locus ID: 362056  
UniProt ID: Q6AY22  
Cytogenetics: 2q44