

## Product datasheet for RN207095

### Spata4 (NM\_001002852) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spata4 (NM_001002852) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spata4
Synonyms:	Srg2; Tsarg2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207095 representing NM_001002852 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTGCCGCCGGCCGGGCAGAGGAGAGTTTACCACTGCCGGCGGCAGAATCATCCAAGACAACCTTAC  
CTACACCACCAGCAGTCCCGCCGCAAGGAAGCCTAAGAAATGTCTGGTGTATCCACATCCCCGAGGAG  
CTCCCGCTGTGCTCCTCCGCTGCGCTGGCTGCAGGGCCTGGATCTCAGCTTCTCCCGAGGAATGTT  
ACCAGGGATTTTCAAATGGCTACCTAGTTGCAGAGATATTCTGTATATATTACCCCTGGGACCTTCGAT  
TATCATCCTTTGAAAATGGTACTTCCTTGAAGTCAAATTGGATAACTGGGCACAATAGAGAAGTTTCT  
AGCGAAAAAAAAATTTAACTACCTAAAGAACTCATCCATGGAACAATCACTGTAAGGCTGGGGTGCCT  
GAAATACTGATTCAGGAGATTTACACTTTACTCACCCATCAAGAAATTAGAAGCATCCAGGATGATTTTG  
CTAATTTACAGACTATAGTTATCAGATGCGTTTGCCCTGGTTCCAGGAGTACAGTATCAAAGTCTAT  
TAAAAATAACATTAGGTTATCGGAACTACTAAGCAATCCTAATATTCTCAGCAATGAAGTCAAGATAGAA  
TTCCTCTCCTTTTGCAAATGCTGCAAAGAAAATTAAGCAGAAAATTGAATCCAGGTAAGCCTTCCCTGG  
AGAAAGGTGGTTTGATATCAAACCAACAGTGGGAGAAATCACAGTTGGCCATCTTCTGCCATAGCTA  
TAAGCACAAATACAAATCAAAGTTTCAAAGGAAAAGAGCTGTGTCGTCTTATCAAATCAGGCAATGAT  
GTCCAACCACATAGAGAAATCCATGTGAAGCAAATGAAAACCTTGATGCCACTGAAAACCTATGA  
TAAATGTGGAAGAAACAATGAAAGACACGGAGGAAGTAGCTTTGAAGAAGTCATGTCAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001002852



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<b>Insert Size:</b>	972 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001002852.1</a></u> , <u><a href="#">NP_001002852.1</a></u>
<b>RefSeq Size:</b>	1086 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	306441
<b>Cytogenetics:</b>	16p11
<b>Gene Summary:</b>	may play a role in the development of cryptorchidism, the failure of the testis to descend from the abdomen into the scrotum [RGD, Feb 2006]