

Product datasheet for **RN206326**

Spata6 (NM_134392) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spata6 (NM_134392) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spata6
Synonyms:	Hash
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206326 representing NM_134392
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGAAGTGAAGGCGCTGCAATGCGCCTGGCGCTGGAGATCCGCTCTGTAACCTGTCCAGGAGTGG
 TGCTGAAAGACAAGGAGGACATCTATCTTAGTATCTGTGTTTGGCCAATACAAAAAGACACAATGTGT
 CCCAGCCACTTTTCCCCTGGTCTTCAATGCCAGAATGGTGTGAAAAGGTGTTCCCGGAAGCAGTAGAC
 CCTGGAGATGTGGTTGCACAGCTTGAGTATGATACAGCAGTGTGAGTTGATACAGCTAGTTCCACCAG
 TGGGAGAAACACTGTCTACCTATGATGAAAATACGAGAGATTTTCATGTTCCCGGGTCCAAACCAATTTT
 TGGACACCATGATTCAAACCGCCAGGTTACCATGAGGAGGATTTCTGGTCTAAGAGGAATTGCTCCAAAG
 CTGGAATTTTCTACAACCTCAGTGATCACCGAATGTCTGATAAGCTCAAGAAAGTGCCGCACTCAGGATA
 AATTTACTTACCATTAGCTCCAGTTGAAAAACCCACGGCAGACTGCAATGTAGAATCAAGATCACA
 GAAGAAAAAGTCCAAGTACCAGAGAGGAGTAAATACTGCATAAACACCAAGAACTACGAACAGCCTACA
 ATTTCTTCAAAGTCACATTCTCCATCTCCCTACACAAAGAGACGAATGTGTGAGCTTTCAGAAGACACCC
 GGCGGCGGCTGGCCCATTTAAATCTGGGACCCTATGAATTCAAAAAGGAAACAGATAAGCCTCCATTTGT
 GATTAGACATGTTGATCCCCAAGTCCCAGGGCTGACAATTTTTTGGATCACCTGGCAGAGACTGTGAA
 CGAGATGGATGGGTGAGGATGCACAGTGATCATCTCATCTTGGCTGCTGCAGAGCCAAGGACTACAAGG
 TTATCAGGTCAACACATGGGAGAGACTTCGAGGATCCCTTTGAAAGATGTGAGGACTATTTGAGCCCAAG
 GACATGCAGCAAGCCCCAGCATTGAGCAAGGACCTTAGTCCATTGAGCAGCTTCAACAACTCCAAAG
 CATTGTGCAAGCCCTGTGCTAAACAGAGCCTCTCTCAGGGAAGATTCCATTCTGATTGGTGTTCACCTC
 CAAACTGTGATGAGATCCATGACCGGGTAAAAGATGTCTTGAAATCACATCAAGCTCATGGAAGACATTT
 ATGTGAAGAGCGAGACCCAGAGAAAGAAGACGAACTGGAAGTGAAGAAAGTCTTTATATAGAGACTCC
 GCCTATGACAGTGACCTGAATATAGCTCTTTAGCGGCGCGTGGCTCTTTCCATTTGGATGATGGTG
 AATGCTGGTCCAACAGAGCAGCCTCTTGTAAGGGGAAATCCCACCGACCCGTCTTTGAGAACAGCATGGA
 CAAGATGTACAGGAACCTATACAAAAAGCCTGTAGTTCTGTTTCTCATACAGGAAAGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_134392
- Insert Size:** 1467 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_134392.2, NP_599219.2

RefSeq Size: 2387 bp

RefSeq ORF: 1467 bp

Locus ID: 171413

Cytogenetics: 5q35

Gene Summary: may function as a molecular motor in meiosis and have a role in spermatogenesis [RGD, Feb 2006]