

Product datasheet for **RN214295**

Spata7 (NM_138862) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spata7 (NM_138862) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spata7
Synonyms:	RSD-3; Wmp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214295 representing NM_138862
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGGCAGCCGGAGAGTCCAGAGCCACCACTGTCTTCCAGATACAGCCCGCCATGCCTATTTACAG
 GACTTGGAGCACAAGAGCAATGCTTTTTGACTGACTCCTTCTCTCAGACTAACCACTCTCCAGCT
 GATCAAGAATCACATGGCTGTTCACTATAATAAAATCCTTTCAGCCAAAGCCGGTGGATTGCTCAATT
 CCAGTAAGTGTGAATGCTAGCATCAAATATGCTGACCAACAACGAAGAGAGAACTGAGGAAGGAGTTGG
 CACGATGTGAAAAGGAGTTAAATTAAGTAAATCTGCGATGCAGACCAATTCTAAGATGAATCCAAGTT
 CTTTGTAACTCTCTACAGAGCCCTCAGGGGAACCACAAGACCAGGATGTGTTAATTGAAGAAAGATTG
 ACAAGATACCCATCATTTCAAAGTCACTATCCCTTCGCCAGAGGGACTACATCTAAGTCTACCTGAGT
 CAAATAAAATCCTCATGAATGGCACCCAGAAGTATCCAGCACCGCTCCACCCAGGTAAGTCAAGGCTGTGG
 ACATGGCTATGACAGGAGCCTAGGAGTGCCACCAGTCCAGGTAGTCAATTTCCAAGACGCTAGTGGA
 GATCTTTTGGAAAAGCAGCTGACCTCTTCTCTAACAAACCAATCACCACTTCCACGGACTTTAAAAA
 CAGAAGCAAAGTCTTCTTTCACAGTACCCTATTACACACCTGCTAAAAGAAGAGGGATTTCTCAGA
 TCAGCGGATGGAGGCTGAAACCCAACTGAATTAAGCAGCTTAACTCTGAGCTTGGGACAGCTGAAAAA
 AAGAGCTCAAAGGATTGAGACATGAGCATAAAACAGGCACCTAATTACATGAGAAATGGTGTGAAGACA
 AAATAGCTCCTTATCCTTACAAGGACAAAACCTTAGCATGGGACAAGAGTAAAGATGGGATTCTGCAGCC
 GTCCTCAGAAAAGGCACCCTGCACACAGTTTTCTCCAGATAGTAAATCTACTCTGATGAAGAAGAGCTG
 TAGAACGACTGTTTGAGCGACATAAAGAAAAATAAACATCACTTGGAGGAGGGGAAGATGCGCTACCT
 GCTGCATGGACTGAAGGTTGACTTAGGCTGCATCTCTGAGGAAGAGCAAACAGTTTCAGAATATTTCAAT
 GAATTTTCAATTTCAAAGGCTCTGACTTCAAGAGAAAACAGGTTTATAAATGATACAGAAGCAGTAAATC
 ATCATGAACGTCAGCAGTACCAGGAGGCACTGAACATGCTGTCTGTGCCAAAGGACGAAAACAAGAT
 GTTCTCTTTCCCGGGTGAATTTCTGTTACCTGCCATAAAGTCAAGCATTGAGAAGGTGTTATAGTCCAA
 CAGGTCAATGATGAAACAGATTTCAAGCCTTACCCTGGGACGGAACAATCCAAGTGTCTGACAGTT
 TTATAGACCAGGAGACCTCTGTGGATGTCATTGAAGGTGACAGTACTTTGAAATGGTTGAGACTCCAG
 GAACTCTGCTGTCTGAGCACATCACTGTCCCATCTGTTCCACTCCCAGCATTGAAGGTGGCAGTAAT
 CATGATAAGGAATTATCGACTCTAAAAATCATGGAATGAGCATTGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_138862

Insert Size: 1734 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_138862.3](#), [NP_620217.2](#)

RefSeq Size: 1958 bp

RefSeq ORF: 1734 bp

Locus ID: 192225

Cytogenetics: 6q32

Gene Summary: may play a role in spermatogenesis [RGD, Feb 2006]