

Product datasheet for RN209775

Spats1 (NM_181376) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spats1 (NM_181376) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spats1
Synonyms:	Srsp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209775 representing NM_181376 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAAGCGGCACGAGATGCCAGCACAGTGATGTTCTAGAATCTAAAGTTGCTTGCCAGTAGGACGT
 CCTCTCATCAAAACAGAAGGGCCAGCCTCTTCTGATGGAAGTGGTCTGAGGGTCACTGATGCCCCAGG
 CCTCCCCAGGGTATGACTCCCTCTGACACTGCTCGGGGCTGGGTGAGAAGACCTCTCCACTTCATCC
 TCCTCCTTTCATCCTCCTCCTCTCCTCCTCCTCCTCCTCCTGCCCAGGCTAATCGGTCCTTGAAG
 TCTCACTGCCTGAAATCCAGAAGGAAAAATATCCCGAGGAATTCAGCCTGCTCAAGTCACAGACAACAGA
 TGGGCAGCGTCTGAGTGACATTTTATCCAAGGTTTCAGCAGCAACATCCACCTACCATGTTGGAAAG
 CAGTGTTCCTTCAATGGGTCTTCCGGGCAACAGGAAGTCTGTGGCAGAGAGGACAGTGGAACAAGGCC
 TTGGGAAGAAGAAATACGATATTGATCCAGAAATGGAATCCCCAAATTGACACCAGGAGATAATCCATA
 CATGTTCCAGAACAGAGTAAAGAGTCTTCAAAGCTGGGGCAACTCTGCCGCCAGTGAACCTTCTCACTG
 GGACCTTATGAGAAAAAATTCGACACCTTTATCCCACTTGAGCCACTTCCACAAATCCCAATCTGCCTT
 TCTGGGAGAAGGAAAAAGCCAATAATTTGAAGAACGAGATAAAGAAGTTGAGGATCTTGACAACTGGCA
 GGCGCCGATGCCCTTCTCCACGGTTTTCTCTCACTGCTAATCGAACAATAACTACCTGTGATCAGAAA
 GTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_181376
Insert Size:	846 bp


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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:	<u>NM_181376.2</u> , <u>NP_852041.1</u>
RefSeq Size:	1232 bp
RefSeq ORF:	846 bp
Locus ID:	301255
UniProt ID:	<u>Q811V6</u>
Cytogenetics:	9q12
Gene Summary:	mRNA is expressed during spermatogenesis with highest expression in first meiotic prophase; contains a serine stretch and may be phosphorylated [RGD, Feb 2006]