

Product datasheet for **RN216892**

Spats2 (NM_001191614) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spats2 (NM_001191614) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spats2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>RN216892 representing NM_001191614 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGGATCGC ATGTCTAGGAAACAAAGCCAGAAAGATTCATCAGGATTCATTTTGTATTGCAGTCCAATACGGTACTGG CCCAGGGAGGAACCTTTGAGAACATGAAGGAGAAGATAAATGCGGTGCGTGCAATAGTTCCCAATAAGAG CAATAATGAGATCATCTGGTCTGCAGCACTTTGATAACTGTGTGGACAAAACAGTGCAAGCGTTCATG GAAGGAAGTGCCAGTGAAGTGCTCAAAGAATGGATAGTAAGTGGCAAAAAAAGAACAAAAAGAGAAAA GCAAGCCAAAGCCTGCATCAGAAGCAAGCGGAGTCCCCAGACTCCAGTAAGTCGGCCCCCGCTGAAGA GGGGCAGCCTGCATCGTCAGAGAAAGGCAGCATCAACGGTTACCATGTTAACGGTGCCATCAACGACACC GAGTCCGTGGACTCACTCAGCGAAGGTCTGGAGACGCTCTCAATAGATGCCAGAGAACTGGAGGATCCCG AGTTTGCCACCGCAGATGCACTGGACAGAGCCGGTTCTGTGCTGGAGAATGGTGTCTCTGACTTTGAGCC CAAGTCTTTGACTACGCACTCAATCTCGAACGTCCAGCAATCCCGGAATGCTGCCAAATCTCTCTCCAGA GCCACCACAGGGCGCAGGTGTCAAATCTGGGAATGGAGAATGTTCCACTCTCGTCTACCAATAAAAAGC TAGGTTCTAACATTGAGAAGTCGGTGAAGACCTCCAGCGCTGCACTGTGTCCCTGGCACGGTACCGAGT TGTCGTCAAAGAGGAGATGGACGCGTCCATCAAGAAAATGAAGCAAGCCTTTGCCGAATTGCAAAGCTGT TTAATGGATCGAGAAGTGGCACTGCTGGCTGAGATGGATAAAGTGAAAGCTGAAGCAATGGAAATCTTGC TCAGCCGGCAGAGAAAGCAGAGCTCCTCAAGAAGATGACCGATGTGGCCGTCCGGATGTCAGAGGAGCA GCTGGTCGAACCTCAGGGCTGATATCAAGCACTTCGTTAGTGAGCGTAAATACGATGAAGACCTTGGGAGA GTAGCCCGGTTACCTGTGACGTAGAGACTCTGAAGCAGAGTATTGATTCTTCGGACAAGTGTCTCATC CGAAGAACAGCTACTCAACCCGGTCTCGGTGCAGCTCGCTGCTGCCGGTCTCACTGCTGCCCGTGTCTCTG CAGTGGCCCAAGTGACGTCTCTGCTGCTTCTCCGCCCTGACGCCTCTGCGGCCAGCCTCCAGGTGCT AACAAGAGAACTCTGCCCAAGAGAGGCTTCTGCAGCCATGACGAACCTCCAGTGACCGGCCCTGCCAGG CTCATCGGGAGGTGTTTTAGGCAACAGGAGAGGAGGACAAGGCTACAGGCCACAAAACAAAAGACCAC TGACCCCCCAACCAAGGGCGGCATGACAATGCGGGTCTGCTACAGGAACAGCTCGTGGTACTCATCTGGG CCCAGGCATCAGGCTGTTCCGCCTCAAGCCCCAGGAAGCGCTGGCGAGTGGAGCCGCCCTTACTCTGCGG GGACCAATGGAAGTGGAGCCAGCTCGGAGCCAAGCCCACCAAGCCTTCATTCAAAAAGGGGCTCCACACA GCGCAACCAAGGGCTCCAGGCTGAAGCTGCGAACTCTGA AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-RsrII
ACCN:	NM_001191614
Insert Size:	1653 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191614.1, NP_001178543.1

RefSeq Size: 2607 bp

RefSeq ORF: 1653 bp

Locus ID: 300221

Cytogenetics: 7q36