

Product datasheet for **MC211796**

Spata46 (NM_001039593) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spata46 (NM_001039593) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spata46
Synonyms: 1700015E13Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211796 representing NM_001039593
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATAACTACTCACTCCTCAGCACTCCAGACCTCGTATCTCTTCTGCCCCTGAGTGCTTTCCGG
ACATAATGTCCTCACTTGCCACCAGCTTGCCAGACTTGGGGACACCCAGAATGGGGAGCAGCTGAGACG
GAACTGCACCATCTACCGCCCTGGTTTTCCCTTACAGCTACTTCGTATGCACAGACAAAGAGAGCCAC
CTGGAGGCTATGGGTTCCAGAGGTGGACCGAGAAGAGGGCAGAGGGGATAACTGCCTTTGAGGACG
TGCTGAAAGTGTCTGCTCATCTTCTTCTCCCAAGAGAACACATACCCAGGGAGGCCAACAGGAAATC
CAAGCATGGTTTGGATTCTATCATATCCAGGACATCTTAATGGCTTCCAAGTGGCACCCAGCCAGCAG
AATGGCTACAAGTGTGCATCCTGTTGTCGATGTACCCCACTCTGCACTCCCTCAAGAGCCACATCAAGG
GGGTTTCAAGGAGGTTTTCAGCTGCAAGGTGTACTACCGAAAGCTCAAACCCTCTGGGCAAGGAGCA
GAAGGCCCGGACAGGAGATAGGATCTCCTTGGGCAGCTGCCAGGCCTTCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039593
Insert Size: 615 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).



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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:	<ol style="list-style-type: none">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_001039593.1</u> , <u>NP_001034682.1</u>
RefSeq Size:	744 bp
RefSeq ORF:	615 bp
Locus ID:	76925
UniProt ID:	<u>Q4FZF2</u>
Cytogenetics:	1 H3
Gene Summary:	Play a role in spermiogenesis and fertilization.[UniProtKB/Swiss-Prot Function]