

Product datasheet for **MC214671**

Spata22 (NM_001045531) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spata22 (NM_001045531) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spata22
Synonyms: Gm882
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214671 representing NM_001045531
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAAGAGAAATCTAAATGAAAGTTCAGCCGAAGTACAGCAGGCTGTTGCCTGTGCCATTGTTCAATC
AGAAAAAGAGGAACAGACAGCCATTAATCTAATCCACTTCAGAATGATCCAGGTGTCAGTACTGTTTC
TGACAGTTACGGTCCCCTTCTTTCCAACAGATTGGGCGTGGGAAGCTGTGAATCCAGAGTGGCTCCT
TTAAAGAAAACAGTGAATACAGGGCAAATACCAGCTTCTGCTTCTATCCCTGGAGAAGTCAAGATTCTG
TGCTAAATCTATTCAATCAAATGCTGAAAGAAGCCAAAGTGCCTGGGGCTACAGAGGCAACAACAGAAA
TACTAGCTTGAGAACTTGGGATTTTCGACCTCAGCATAAACTGTAAGCCCTGCGGCAAACAGTGAGTTC
AGTTCTTGTCAGTGAATTTGGGAGCTCAACAACAAAACAGTTCCAAACACCTGAATTTCTAACTTAC
CTGGACATAAAGAAGCTGAAGTACCCCGACAAACATGTTTATCAAACCTGCCTGGCTCTACAATGAAAGG
CCCAGACAGAGCCAGTGCAGTGCAGGCATTTAAACCAAGTTTTCAACAAAATCCATTTAAGAAAACAGTG
TTGGGAGATATCCAAGAGAAAAATCTCTGAAGGAAGTACTTTGCATCAGTTAAAGGAAAAAGATAATT
CTTTAAGAATTATTTCTGCAGTTATTGAAAGTATGAAGTATTGGCGAGCACATGTGCAGAAAACCTGTACT
TCTTTTTGAAATATTGGCTGTCCTGGATTGAGTGCATCTGCCCCACATTATTCAAAGACTTTTCTT
ATGAGAGATGGGAAAAATATTCTCCATGTGTATTTTATGAAATTGATCGTGAACCTCCAAGACTGATTA
GAGGCCGAGTTCACAGGTGTGTTGGACTACGACCCAGACAAGAACATTTTCAAGTGTGTTCTGTGAG
ACCAGCATCTGCTTCTGAACAAAAGACTTTCCAAGCATTGTTACAATTGCAGATGCTGAGATGAAGTAT
CATACTAAAGTAACGAATGAAAT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001045531



Insert Size:	1077 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:	<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_001045531.1</u> , <u>NP_001038996.1</u>
RefSeq Size:	1274 bp
RefSeq ORF:	1077 bp
Locus ID:	380709
UniProt ID:	<u>Q5SV06</u>
Cytogenetics:	11 B4
Gene Summary:	Meiosis-specific protein required for homologous recombination in meiosis I. [UniProtKB/Swiss-Prot Function]