

Product datasheet for RN207328

Spata31a5 (NM_001008359) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spata31a5 (NM_001008359) Rat Untagged Clone
Tag: Tag Free
Symbol: Spata31a5
Synonyms: Aep1; Fam75a4; Spata31
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207328 representing NM_001008359
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAATCTTCCCTCTTTCTGGAAAGCATTTACACCACATGGCTGAGCCTCAGCTCCACTATATGGG
 CAATGGACATGATCCTTGCCTTTGTGTGGACTGGGGCTCTACCTCCTGTTACTTCTTTTCTTGAGAG
 TCATCTGTCTTTCATCTCCATCAGACATAAATTTACCAGGAAGCCTCAGATACAGATGACCTGGCAGAGC
 CAGTACATGAAAAAGTTTAGGAATCATTGTAGGAACGATGCAAAAAGCTTGGGAAGAATGCCTGAAAAAGC
 TGAAGAAAAAGAAAAGGATGAATTATTCTAGAAGAAATGAGCCAGGACACCAATTTGAACTTTTAGG
 GAATATGTTTAACTCAGCAAGTGCTAAACAAGACAGCACTACCTTGTACCCTTCTGGAACCTGAAAGAA
 AAATCAGAAGAGCAGATGGCCACTCAGAACTATCATATCCCAAGATCTCAGGGGACCAATTTACAAGAGA
 AATATGACCAGCTTTACTGGGGTCTCCCTTCTCCACAGTGAATCTCTAGTAGCTGCTGCCTGGATCCC
 TCAGACAACGTCAACTCTCCCTTCTCCCTTTTCTTATTCAATGTCACTCAAGTGTATCCAATTCAC
 CTGCAGGATAAAATGTCTCCAGTGCTTCCACACACATCCTCTGTCTATCTGGACCTCAACCTCCAC
 CCTTAATTCTGTCTCCACTTGAATTTTCAGTCCCCAGCTTTGAATCAAGTCCATTTTCAATCCCCTCC
 AGTCCTACTACCCTTCTCTACCCTATAGTAGGATTCTGGAGCATGTTATTCTCAATCACAAAGTAAG
 CCACACTGCCCAACTGAAATACAATACAGAGAAAGGCCCTTAGTTACAAAACAAGTAAAGTAGAT
 TGACTTTACCCTTGATGGTCCAGAAAGATGCTTATAGCATCTTGGCCTCAACCTTCCCATGACTGGGC
 AGTCCCTATCTTCTGATAATTTCCCAATAAGCTGTGAGCTCCGGGATAAACTGGAGCAACACATTCAA
 AAGTGGTTCAATCAACCAATGGTATTTTCCCTGAGATCCAAGAGTCTGAGGAAGTATGGGGCTTTC
 AGAATTCAGTAACAGGAAATATCAAATCAGAGACCACTTGCACCTCACAGCCCATATGTCTACTGG
 TGAACACAACAAGCAGGGCCAGAAGGTGAAATTTTCAGCTAGAAAATGAATCTTGCAAAAATCTTGGACCT
 ATTCTAGGAAAAGGCCAAAAGATCCAGTAAAGGGCTTGGAAAAAATGTAGTAAAGTTACAGGGGCAA
 ACATTTTGGAGCCAGAAAGAAATTTAGTTAAGCACTTCAAGAGTATTCCAGAAATGACTCATCAATTA
 CATAGACGAAGATCTAGAAAACAAGTAAAGGCTAATTTTGGTACAAAGTCAAGGGCAGATAAATCAAGGT
 CTGACCCCTCTGAGTATGCGACAATCCTGGCTTGTATGAACGATAGCTTTTGTGACACTGACATCCATA



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TGGAAACCAGAAATTTAACAGCCATAAAGAGTTCAGAAAAGTTCATGTGCTCTCGAGAGAAGCTTGCCTT
TCTCAACCAGAACTCGACAGACCCTGGAGGAACATGTTGTAAGGTTTTGGGTGAAGCAGACATGGGGT
CTACCCCTTAAATGCTCAAGCCATAAACCTTTTCAAGTTAAAAAGTACTGAGTCTTGCCTTACAC
TCTGTACCAACCTTCTCAACCAATTCTGTACATAGGACCAATTCAGCAGTTGAGGTAGTCAGATTCT
AGGAAAACCATGCTTGAGACAGATAAATAATTAAGGATTCTTACCACCACCGGGGAATCTTCTCCTGTC
TCATCTCCTTCTGTAAGAGGGCGGCAATTAGACGGCCTCCCTCTGGTGTGACCATGAGCCTTCTGTAG
CCCTACCAAAACAACCACAGAGTGCATCTTGCAGAACTCTCGCTTATAATTTATGGAAACGCCAC
TCAGAGTGGGGGTCTTAAAGGACGAGATGGAGACCGAAGAAGTCTTTTACTGCCTAGAATGACTTGT
GCCCAATCTAAGGGCACACAACCCTCAGGCAAAAGTTGTTAGTGAGTATCCATATAATGTGGAGACAG
AATTAACAGGCCAGCCACAAATTTATACCATTCTGTGCTCCTTCCAAAGCATTCCAGGAGCATGCCTCT
TCCTGTAGACACTTTGACTTCAAATGCATTAGGTGACATTGTGATGGTAGACGGGGCAATGGCCTGGT
CAGCAGAGACCCAGTACTCAAAGCATCAAGTCTCACAGAAGGGCCAAATCAAGATGTTGGTCCCTACTT
ATCAAGGAGAGGACACTAAGAGACAGAGTGAAGAAAAGTATGAAGACATGTCCAAGTTCAGCCCAGTCAC
GGAGAGAAAAACAACCTTTGAAAACCAATACTATCAGACCCTTCCAAAAACCACACAGGTTCTTCCAGAA
AGCCTCTTCCAAAGACTTTTAAAGCGATTCTACCGCGGGTTCACCCCAAGAAAACAATCAAAGGGCAGG
AATGTCATCCCCAAAAGATAATCTACAGCAGCCACTGCCAGAACCAAGCAAGTGAAGAAAGCA
ACCATATATGGATGACAATGTTACTGAGGCCAGAAAATATGACAATGTTGGACAGATGTTAGAAAAG
AAAATGATGCAACATCAACACCATGCTTCAAAGGTCAACCAGCCTAGGGTAGTTCCTCCAGGCCCTACTT
CTTGGTTTTCCATGGCCACATGCCAGTCTCCTGCTTAAAGCGAAGAAGACCACCCAGTTACCCAGCCAA
TTCCTTATGTGAGAGGCGTTATATACAGGGCAGGCACAACAGAGGCCAACTGCCTCAGAAAAGTGTACAA
TTTAGCCAGAAACCACAGATCCTACGGAACCCCGTCACATGTACCCCAAGTCAGCTTTGAAACGTAGTGA
ATTCTTCCAGAATAGAACAACAGTGCCAAGAACCCCAATCAACATCTTTGTTGTCTAGGCACTGTGC
CTTCCAGAGAAATGCTGTAGAGAACTAGGACATCCCTCCGTAGCTTTTCTTAATAGGAAAACATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001008359

Insert Size:

3147 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_001008359.2, NP_001008360.2

RefSeq Size:

3298 bp

RefSeq ORF:

3147 bp

Locus ID: 353306

UniProt ID: [B6VQA5](#)

Cytogenetics: 17p14

Gene Summary: protein that may be involved in spermatogenesis [RGD, Feb 2006]