

Product datasheet for **MC224334**

Spata31d1b (NM_001167593) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spata31d1b (NM_001167593) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spata31d1b
Synonyms: EG238662; Fam75d1b; Gm4934
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224334 representing NM_001167593
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGAAGATTCTCTCAGCTCTGAATGGCCTCAGTGAGACATGGCTGACCCTAGGCTCAGCTTCTTACC
 ACATAGACCTCACTACTCTTCTGAGTGGACTGGGGCTACTGTTCTGTACATCTCTACCTGATATT
 AAAACTGCTTATACACTTCTGTGGAGAGAGAAATACACCCAAAGCTATGGGAGAAAGGAAGAAGAGA
 AGGCAAACCTCAAAGGTGGGCGAGCTTCCAGAGAGAAGCGGCCAGAGAGGGAGCTGCAGACAACCC
 AGCCAAGCTCTCTGGAAGAGCCCTCTGAGGCCTCTGCAATGAACTACCACTCCACAGAGATCCCTCTT
 GCCTGTGTGTATAGATCTGGCAATATCAGTCATCAGCTCTCCAGGACCACCTCAAAGATGGTAAAGCC
 TCTTACTTGTGCGTGGCTTCCACAGTTCCTGGGACGGAGGCCCTCGTTTGTCTGTCTCTGCTCACAG
 GAAACCAGGCAGGGCATTCCGGCTCCAGCCCTTCTACCGGAGCCTTACCCTGCTCCGTCATCCCTTC
 ACCTAAGTCTTGGCCCCCTAGAAGGCTTCTACTCAGCCACTGCTGCAGACTCTCTGACACCAGAG
 TCCACACTTCCCTGAACCTTCACTTCTCCCGACCCACCCACCTATCCACTTGCCTTTTCCCTC
 TTCCAACAAGAGAAGTGCAGAAGTCAGAAGTGGTCTTCCAAGTGGAAACCATGAGATCTCTGGTGGACAG
 ACTCAATGAGATGCCCACTAATGTCCACAGCCCAAGGCACTGGCTGTGTAAGACAAACAATGCCAGAG
 GCCCCCCAACAGCAGCCTGCTGTGACAACCAATTATCTTCAAGTCAAAAAACAGTATCTCCAGCTC
 CTCATGTTCTCAAGTCCCTTTCAGGGAGACACAAGGGCCTGCCATGTAGAGCCTGGATACCTCTTTT
 TCCCAACTCTAATGCCGTGAACTGTTCCAAGGCTAGACAAGAAAGTGAAGTATTTCTGATGGTGAAG
 GGGGAGCAGGAGGAGTGGGAGGAGGAAGAGGACAAAGGATGTTTTATAAGTCAACCCAGTCTTCGGAGA
 AGCTGCTATCAGGAGAGACATCGGGTGAAGCAGGATTTTGTGGCTTCTCATTGTCAGCAGCAAGG
 CAAGCTCAGCACCAGCCGCTCCCTCACTCCAAGACTTTTGAAGACCATGAGGAGCTTCAGTCTTCCCTG
 CTCTTCTGGGGCCCCCTCTACACAGTGAAGCCCTGAGCCCTACTACCACTAACGCCTATGACCGTT
 CCTCAGCATTGGTCTGTTCAACAGCATGGCTGAGGCCTCCATTGCTGACTACTCTCATGGCTGTATGCT
 TCCACACCTTTGCATGCATATCAACCAGACATGGCTACAGACCGAACCCAGTCCCATCCCCAACGT
 GACCTCTGCCGAGTTGCAGCCTCAGCCTCAACCCCAATCCCGGTCTCAATCTTGACATTTTCTCATC



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AATCCGAGCCTCGAGACTGTGGGGTGCATTTTCACAGACCCAGGGAGACGAGCAGCTTCTCAGTTCTTC
 TGAGATGCAGTGCCTTGAATACAACATCTTGAAAAAGGAACAGGAGAGGGTCTGGGGTTTACCCCTCATG
 GTCAAAAAGTCCAAGTATACTTTTTGTCCTCACCTCCCAAGGTCTTGTGGGAAGTCGCTCCTCCAAGG
 CCTGTACTCCCAGGCCATCCTTCTGGAGACTTCCCCCTCACCAGTGAGCTCCAGAAGAACTTGAACA
 CCATCTCCGAAAGAGACTCATCAACACCGCTGGGGCTGCCCGACAGGATCGACAAGTCCCTGTCACTC
 ATGAGTCCCAGTCAGAAGTATCGACTTCTCTGAGTCAAAAAAGAACCCGGGACTCTCTGGATCACTT
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 AAGGCATTCTCTACGGGAGACTAGGGTCAAAGAACGAACATATAGTCAAGATAGGGGCCACAATGACCAA
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 GTCGTATGGGCAGGCAGCCTCCCAGTTTTCAAGCCCCTCACAGGTGAAACAGTACCAGAGAGGAATTGA
 AAAAGCCCTGGAAAAACCTGAACAAGAAAATTAGGAAATCAGCAGGGGTGAGATCCCTACCACAGTG
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 TGAAGATCTGGACCAATGGCATGTAAGGAGCACATGCTGACGAGGCACCCCCACAGCTTAGCGCTTAG
 TCCTAGCAAAGAGAAGATGCTGGAAGAACACATCACCACCTTCCGAGAAGGATGGCATTGGCCTCCCA
 CAAAGGGTTGAGGAGTCTTAGAGTCTTACTCGACAAAAGCAGAGCCTTCTCAGCCTTCCCTCAGTCC
 ACGTTCAAGCCCAACGTTTCTAGAGCAGACCTGCCAAGTCTCCAGGTCCCTCCGGAGAACAACCTAC
 TGGAGATAGAATGGGGACAATGACTTCAGTCCCCACCCAACAGAGGCCTTCTCTGCTGCCTCGCTGGTG
 GGCCACAGCCAGCCAGCCTCTGAGAACAAGAAGGTGGGTGTAGATAGAGACCTTAGCGTAACCCCAAGGG
 GCAGAGAGCCAACCCAGCACTGGACACCCAGGAGGGCAGACAAAGGTGACGTGCAGCAGTCTGGATCACA
 CAACAGACCTGGCCAGAGCTGCCCATGAGCCAGGTGGGCAACATATGAGAGACTGGCTTCCAGCACC
 AACACACAGGAGTCTCAGGAAGAAAGGAGGACCGGGAAGACGGCTCCGAGGCTGAGGGCTCCACAGAGC
 TACACAAGGGAGAGCAACTCCCGGTCTTACCCACAGTCCACTAAGAGCTTGAAGGCACCCAAAGGCCT
 GTGCTCCCAGGGAGCCCTGTGACTGCATGTCAGTCCCCGAGGGAATGCATTTCTCCAACTCTGAG
 AGCCCTGACTCTAAAAGTCAGGTGTCCACAGAAGTTCAGCTGAAGTCAAGAGGGCGGGACACACAACCAAG
 TGCCAGACCTGCCTGCCACGCCCTTGGCCCAAGAAATGACTTCCAAACCCAGGGCCCTCCGGTGG
 GGACATGGCAGTTTCTCAGGTGCTGCGTGTGCACATGCCACTGTGGGCATCAGCATGGAGTCGAGGCAG
 GGTCCCTGGGTCCCTGCATATGTCTCAGGCAAGAGCAAGAACAAGGACTGTCTCCTGCTGCCAGGGGAT
 TGCCACAGCTGGCAACTGAGGCAGGAAAGTTGGGGGAGGGGATGCAGGCTTAGGGACATCCAGACCAC
 AGGGAAGGGACTGTGTTGAGGCCAGGGCACCAGAGGAGACACAAGGACTCACAGCCTCCCCAGCACTG
 ACACCTAAGAGTCAGCCTCAGGAAAATCAGTTCACCAGCCAGGTGAAGGGCTTCTGGCAGAGGCTGTCCC
 CTGGGAAGAAACAAAAGGACAGGAAAAGTCCCTGGCCAAGGGCTGCTCTCCATTAGCATCTGGGAAGGG
 CACAAGCCCATCAAAGGGAGAAGTGAATTTGTGGGAACCTGAAGCTCAGAAGTGTGTGAGGGAGCCT
 GGGATGGTCTGAGGAAGCAGCTGGGGCACAGGCATGGGACAGTACCCCTGCCCCAGGTCCCTGTGT
 CTCCCCTCATGGGTCTGAAGGAGCTCAGCAGGAGGTGCCCTGCAGGCTCAGGCAGAGCCTGTCCAGAG
 GCTGCCCACTTGTGCTGCAGAGGTTCTGCTCTCCAGTGCCAAGGGCTGAGTCTGCAGCCAGGACAG
 GGGCAGACAGCCCTGAGAGGTGTGGCCCTACAGGAAAAGCTAAGAGGGTGGAGACCTCCCTGTGCTTG
 CTCTCCACAAAGTCTCTCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001167593

Insert Size: 4086 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_001167593.1, NP_001161065.1</u>
RefSeq Size:	4281 bp
RefSeq ORF:	4086 bp
Locus ID:	238662
Cytogenetics:	13 B2