

Product datasheet for **SC318605**

SPATA31A7 (NM_015667) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPATA31A7 (NM_015667) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPATA31A7
Synonyms:	AEP1; C9orf36; C9orf36A; FAM75A4; FAM75A7; SPATA31A4
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015667, the custom clone sequence may differ by one or more nucleotides <pre> ATGGAGAATCTTCCCTTTCTTTAAATTAAGTGCCTCATCGCTAAACGCCCCAGT TCCACACCATGGGTGTTGGATATCTTCTCACTTTGGTGTGGCCTGGGGTTCTTCTC CTATTACTCCCTACTTATCTTACTTCCGTTGTGATGACCCACCCTACCATCGCTGGG AAGAGAAAGTGTCCAGTAGGGCGGAGGCGGAGGCCAGAGGCAGGATGAAAAACCACAGT CTGAGAGCTGGTAGAGAGTGCCCGAGAGGCCTGGAGGAGACTTCGGACCTGCTTTCACAA CTGCAGAGCCTCCTGGGGCCACACCTTGACAAAGTGACTTTGGTCAGCTCTCCGGTCCA GACCCCCAGGTGAGGTGGGTGAAAGAGCACCTGATGGAGCCTCCAGTCTCTCATGAG CCTATGGAAGATGCTGCTCCCATTTCTCTCCCGTTAGCTTCCCGGATCCTCAAGCCAAG CATCCTCAGGATCTGGCCTCCACCCCATCACCAGGCCAATGACCACCTAGTCTCCTCC CTAAGTGCTCCAGCCACCAGAACCTTCCCTTCCCTAGAACACCCCTCACCCGAGCCA CCTGCACTTTTCCCTCACCCACCACACCCCTGATCCTCTGGCCTGCTCTCTGCCTCCT CCAAAAGGCTTCACTGCTCCTCCCTGCGGGACTCCACACTGATAACTCCATCTCACTGT GACTCAGTGGCATTTCCTGCTGGGACCGTCCCTCAAAGCTTGTCTCCACATGAGGATTTG GTGGCTTCTGTCCAGCCATCTCAGGCCTTGGTGGCTCAAACAGTCATGTTTCTGCCTCC TCCCGGTGGCAGGAGACTGCCAGAACCTCGTGCGCTTTAACTCATCAGTCCAGCAAGAT CATCTTTCCCGCCACCCACCAGAGACCTGTCAGATGGAAGCTGGTAGCCTGTTTTTGCTC AGCTCTGATGGCCAGAATGTCGTGGGGATACAAGTCACAGAAACAGCCAAGGTCAACATT TGGAAGAAAAAGAAATGTTGGATCATTTACAAATCGAATGACCCAGAAAAGCACTTA AATTATTTGCGGAATTTGGCTAAATCATTGGATGCTGAGCAGGACACCACAAACCAAAA CCCTTCTGGAACATGGGAGAGAACTCGAAACAGCTGCCCGGACCTCAGAAGCTCTCAGAT CCTAGGCTCTGGCAGGAAAGTTTTTGAAGAATTATAGCCAGCTTTTCTGGGGCCTCCCC TCTCTGCACAGCGAGTCCCTGGTGGCTAACGCCTGGGTAAGTACAGGTCTTATACTTTA CAGTCTCCTCCTTTCTTGTTCATGAAATGTCCAATGTCTGCCAATTCAAAGGGAGACT ACAATGTCCCACTGCTTTTCCAGGCCAGCCCTGTCCCATCTGGGGCCCGAGTGCCAA CCCTTTATTTATCCACACCCCAATTCCGGCCACACCTATGGCTCAGGCCGAGGCTCAG GCCCATCTTCAATCTTCTTTCCAGTCTATCTCTGCTTTTCCATCCCTGATTGAGAAC ACTGGAGTAGCTTGCCCTGCATCGCAGAAATAAGTGCAAGCTCTCTCCCTACCTGAAACT CAGCACCTGAATGGCCTTTGTTGAGGAGACAAGTGAAGGTAGGTTGGCTTTACCTCT AGGGTCCAAAAATCTCAGGACGTCTTTAGTGTCTCCACTCCTAACCTTCCCCAGGAAAGT </pre>



[View online »](#)

```

TTGACATCCATTCTGCTGAGAACTTTCCAGTCAGTCCTGAACTCCGGAGACAACCTGGAG
CAACACATAAAAAAGTGGATCATCCAACACTGGGGCAACCTGGGAAGGATCCAAGAGTCT
CTGGATCTGATGCAGCTTCGGGATGAATCACCAGGGACAAGTCAGGCCAAGGGCAAACCC
AGTCCCTGGCAGTCCTCCATGTCCACAGGTGAAAGCAGCAAGGAGGCACAGAAGTGAAG
TTCCAGCTAGAGAGGGACCCGTGCCACATCTGGGGCAAATCTGGGTGAGACCCACAA
AATCTATCCAGGGATATGAAAAGCTTCCACGGAAGTTCTGGGGTGACTTCTGAGGAG
TTGGAAAGGAACCTTGAGGAAGCCCTTGAGGAGTGACTCGGGAAGTGATTTATTAAGATGC
ACAGAGAGGACTCATATAGAAAACATCCTGAAAGCCACATGGGCAGGAACTTGGGCCAG
ACCAACGAGGGCTTGATCCCCGTGTGTGTCGTCGATCCTGGCTTGCTGTCAACCAGGCT
CTTCCCGTGTCCAACACCCATGTGAAAACCAGCAATCTAGCAGCCCCGAAAAGTGGGAAA
GCCTGTGTGAACACAGCCAGGTGCTTTCCTTCTCGAGCCGTGACTCAGCAGGGGTG
GGAGCCCATATTGTGAGTTTTGGGCCAAACACAGGTGGGGTCTACCCCTCAGGGTCTC
AAGCCATTTCAGTGCTTTAACTGGAAAAGGTTTCATCCTTGCCCTTACACAGTTGCT
GGTCCCTCCTCAGCCACCTGTGAATCTGGGGCTGGCTCAGAAAGTGAGGTGGACATGTT
CTTAGAAAGCCACCAATGGCAAGTCTGAGAAAGCAGGTGCTGACCAAAGCATCTGATCAC
ATGCCAGAGAGTCTTCTGGCCTCCTCACCTGCATGGAAGCAGTTCCAGAGGGCACCAGCA
GGAATCCCATCTTGAATGATCATGAACCTTGAAGCCTCCTCCAGCTGGACAGGAGGGC
AGGTGGCCATCTAAGCCCTCACGTACAGCCTCACAGGCAGCATCCAGCAGAGCAGGAGC
TTAGGAGCCCAATCTTCAAAGGCTGGAGAGACAAGGGAGGCAGTGCCACAATGCAGAGTC
CCCTTGAAAACCTGTATGCTGGCAAACCTCCAAGCCACAAGTGAGGATGTGCATGGTTTC
GAGGCTCCAGGGACCAGCAAAAGCTCTCTACACCCTAGAGTGTCTGTCTCCCAAGATCCA
AGAAAGCTGTGTCTTATGGAGGAGGTTGTTAATGAATTTGAGCCTGGAATGGCCACAAG
TCAGAGACCCAGCCTCAAGTTTGTGCCGCTGTTGTGCTCCTTCCAGATGGGCAAGCATCT
GTTGTGCCCCACGCTTCAGAGAATTTGGTTTCTCAAGTGCCCCAGGGCCATCTCCAGAGC
ATGCCTACTGGGAACATGCGGGCTTCCAGGAGCTACATGACCTCATGGCAGCCAGAAGG
AGCAAACCTGGTGCACGAGGAGGCCAGAAACCCAACTGTCAAGGCTCATGCAAGGCCAA
AGGCCAATGTTTTCCCTATTCAAGAGTGAGAAGTCTAGGAAACCCAACTTAGAAAAA
CATGAAGAAAGGCTTGAAGGATTGAGGACTCCTCAACTTACCCAGTCAGGAAAACAGAA
GACACCCATCAGGATGAAGGCGTCCAGTACTGCCATCAAAGAAACAGCCTCCTTCAGTA
AGCCCCCTTTGGAGAAAACATCAAGCAAATTTTTCAGTGGATTTTTTCAAAGAAAAAAGC
AAGCCAGCACCAGTCACTGCTGAGAGCCAAAAACAGTAAAAACAGATCACGTGTGTAC
AGCAGCAGTGCTGAAGCTCAGGGTCTCATGACGCGAGTTGGACAAATGCTGGACGAGAAA
ATGTCACTTTGCCATGCGCGCCATGCCTCGAAGGTAAATCAGCACAACAGAAAGTTTCAA
GCCCCAGTCTGTGGGTTTCCCTGCAACCACAGGCACCTTCTACTCAGAACACGGCAGA
ATACTGAGCTATGCAGCCAGCAGTCAACAAGCCACTCTCAAGAGCCAGGGTTGTCCCAAC
AGAGACAGACAAATCAGAAATCAACAGCCCTTGAAAAGTGTGCGGTGCAACAATGAGCAA
TGGGGCTGCGACATCCCCAAATCTTGACCCCCAAGAAAGCTGTATCCCCAGTCAGTCCC
CCTCAGCACTGGCCGAAGACATCCGGTGCCTCTAGCCACCATCACCCTGTCCAAGGCAC
TGCTTTCTTTGGAAGGTATC

```

Restriction Sites:

Please inquire

ACCN:

NM_015667

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:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_015667.2</u> , <u>NP_056482.2</u>
RefSeq Size:	4223 bp
RefSeq ORF:	4044 bp
Locus ID:	26165
UniProt ID:	<u>Q8IWB4</u>
Cytogenetics:	9q12
Protein Families:	Transmembrane
Gene Summary:	May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]