

Product datasheet for **SC123011**

SPATA16 (NM_031955) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPATA16 (NM_031955) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPATA16
Synonyms:	NYD-SP12; SPGF6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_031955 edited
AGATGCTGTGGCTGGGAGGAGTCCAGAGCTTCGCCCTGTCCCCGCGGGGCTGAGCCACAA
CTGCTTAGGAGTTTTGGGCAGGATCGATGGATGCAGGAAGCAGTAGGAGTTTGGAGAATG
CAGTGAATAGGATCTATCATGATCAGCTTGTCCAAAGATAAACACAAGCAAGAAAATGT
CCACCTTAGCGCACCCACCTAACATCCTGGAAATGTCACAAGAGATTAAGAAAACTGTG
GAGGTAACAGGTAGAAATCACACTTGAAGAACAAAAATGACAAAGGCATCAAAGAAA
AACAAAGCAATGATTTAGAGAAAGCAGCCTTTAAACGGAAGGCAGAAGGTGAAGGAAAGC
CAACTAGAAAGAAACAGGCAAAGATAACAGAACTTGACAATCAGTTAATCACCATGCCTC
TGCTCACATCCCCTTAAAGAACATAATGGATGTGAAATGAAGTTGGTCTACATTGATG
AAATGGGTGTTTCGCTATGAGTTTGTAGAGTCCTTCATGTCTACTGGGAGTCAGCCACAT
GCCAAGCTGTGAAATAGTAGACCCTTTGAGTGTACATAATTTAGCTTTCTGCCTCAGA
TTGACAAATGGCTTCAGGTAGCCTTAAAGGATGCCAGCTTTGCTATAGACAAAAGAAAT
ACGCCTTGGCAGCAGGACAGTTCAGAACAGCACTTGAGCTTTGCAGCAAAGGAGCAGTTC
TGGGAGAACCATTTGATGCACCTGCTGAAGATATAGCAAGCGTGGCAAGTTTCATTGAGA
CAAAGCTTGTACCTGTTATCTACGGATGAGGAAACCAGATCTTGCCCTGAATCATGCAC
ACAGGAGCATTGTTTTAAACCCAGCCTATTTCCGGAATCATCTTCGTCAAGCAACAGTGT
TTAGATGTCTGGAGAGGTATTCAGAGGCTGCCCGAGTGCCATGATTGCTGACTACATGT
TCTGGCTTGGTGGAGGAAGGGAAGAGAGCATAAGCAAGCTCATCAAAGTATTGGCAGG
CCATGATTGAGGAAGCCATCACCAGAGCTGAATCTTTCTCGGTTATGTACACACCATTTG
CGACAAAATAAGAGCTGATAAAATAGAAAAAGTAAAAGATGCTTTCACAAAAATCATC
CTGCATATGCAGAGTATATGTACACAGATCTTCAAGCACTCCACATGTTGCCTCAGACAG
TTGACTGGTCATCTTTTCTCCCAACAATATCTCTTGACTCTTGGGTTCAAAAAACAAG
ATGATGGAAAAATTTTGGAAAAATATCAAGCAGGAAGCTGCCGATATTCACAGAGCATA
AAACACCTTTTCGGTCTGACCAGAGAAGATACAGTGAGGCAAATGGAGACAATGGGGAAGC
GAATCTTGCCAATATTGGATTTTATTAGAAGCACCCAATTGAATGGGAGTTTTCTGCAT
CCTCAGGTGTGATGGAGAAGTTGCAATATGCCAGCCTCCTCAGCCAGCTGCAGAGAGTAA
AGGAGCAGTCCCAGGTGATTAATCAAGCAATGGCAGAGCTAGCAACCATTCCCTACCTAC
AGGACATCAGTCAACAGGAGGCAGAATTGCTGCAGTCACTAATGGCAGATGCTATGGACA
CCCTTGAAGGAAGAAGAAACAATAATGAACGTGTGTGGAATATGATCCAAAAGGTTGGAC
AAATTGAAGATTTTCTATACCAATTAGAGGACAGTTTCTTAAAACTAAAAACTGAGAA
CTGCTCGAAGGCAAAAAACAATAATGAAGCGACTTCAAAGTTCAGCAAAGGTAGTCAT
TAGGGAGCAGGCACTACCACTAAGATATCCAGAAGAAGAGGCAAGGGCATCCACTCCAA
TGCCACCTAGTACTGTGAAGCTGGATAACAAAAGCTTGTCAACAAAAGAAAGAGGTGGT
ATTCCTCAGTTCATCTTTACCAAAGCACTCTATGTTTCATTAATCTCAACTGGCAGC
AATAAATATTCTCAGCAAGTTTGACTTGAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031955 unedited GGCTCAGATTTTGTATACGACTCATATAGGCGGCCGCATAAATTTCGTATAGCATACATTA TACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTTCGAGAGCGGAGATGCT GTGGCTGGGAGGAGTCCAGAGCTTCGCCCTGTCCCGCGGGGCTGAGCCACAACCTGCTTA GGAGTTTTGGGCAGGATCGATGGATGCAGGAAGCAGTAGGAGTTTGGAGAATGCAGTGAA TAGGATCTATCATGATCAGCTTGTTCAAAGATAAACACAAGCAAGAAAAATGTCCACCTT AGCGCACCCACCTAACATCCTGGAAATGTCACAAGAGATTAAGAAAAACTGTGGAGGTAA ACAGGTAGAAATCACACTTGAAAGAACAAAAATGACAAAGGGCATCAAAGAAAAACAAAG CAATGATTTAGAGAAAGCAGCCTTTAAACGGAAGGCAGAAAGGTGAAGGAAAGCCAACTAG AAAGAAACAGGCAAAGATAACAGAACTTGACAATCAGTTAATCACCATGCCTCTGCCTCA CATCCCTTAAAGAACATAATGGATGTGGAAATGAAGTTGGTCTACATTGATGAAATGGG TGTTTCGATGAGTTTGTAGAGTCTTCATGTCTACTGGGAGTCAGCCACATGCCAAGC TGCTGAAATAGTAGACCCTTTGAGTGTACATAATTTAGCTTTCTGCCTCAGATTGACAA ATGGCTTCAGGTAGCCTTAAAGGATGCCCGGCTTTGCTATAGACCAAAGAAATACGCC TTGGCCCGGGACAGTTCAAAACAAGCCCTTGAACCTTTGCAACAAGAGGAAGCACTTC TGGGAGAACCACTTTGATGCCACTGTGGAAGATATAACAAGGCGGGCAAGGTTTCA TTGAAACAAAGCTTGTACCCTGGTATCTACGGAG
Restriction Sites:	Please inquire
ACCN:	NM_031955
Insert Size:	2029 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_031955.2</u> , <u>NP_114161.2</u>
RefSeq Size:	2070 bp
RefSeq ORF:	1710 bp
Locus ID:	83893
UniProt ID:	<u>Q9BXB7</u>
Cytogenetics:	3q26.31

Gene Summary:

This gene encodes a testis-specific protein that belongs to the tetratricopeptide repeat-like superfamily. The encoded protein localizes to the Golgi apparatus and may play a role in spermatogenesis. [provided by RefSeq, May 2010]