

Product datasheet for **SC122482**

SPAG8 (BC019247) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPAG8 (BC019247) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPAG8
Synonyms:	BS-84; HSD-1; hSMP-1; MGC26201; OTTHUMP00000021352; SMP1; SPAG3; sperm associated antigen 8; sperm membrane protein 1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC019247 edited
GTCCGAGAGCGGAGTCTGAAGATGGAGACCAACGGGTCTACGGAGGGATCGCGGTCCGCGGT
CGCGATCTTTAGACATACAGCCAGCTCCGAAGGACTGGGGCCACTTCGGAACCGTTTC
CTTCTTCAGATGACAGTCCCAGGTGGCCCTGGCAGCTGCAACCGCAGCAGCTGCAGCGG
CTGCATCAGCTGCTGCAGCTACTGCAGCCTTACCAGTCCAAAGCAGCTGCATTATCTA
CAAAGACCCAGCGCCCTGTTCTGAGTTCATGGAGCCGTCCTCTGACCCAGCCTTCTTG
GGAGCCCTGTGCGGGACCCGGCTTTACCCACAATATAGCCCATGGGAGTCTTGGCTTTG
AGCCCGTCTATGTTTCTGTATTGCTCAGGACACTTGCACTACAAGTACCATAGTTCTA
ATCCTGGCCCTGTTCCAGGCTCTAGCTCTGGCCCTGTTCTTGGTTCAGCTCAGGTGCTG
GCCATGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTG
GTCCTGGTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTG
GTCCTGCCTCTGGCCCTGGTCCAGACACTGGCCCTGACTCTGAGCTCAGCCCTGTATTC
CTCCAGGGTTCAGAAACCTGGTGGCAGATCGGGTCTTAACCTACCTCTGGAGTCAGC
ACTGCCCTGGGAGCCCAAGAAACACCTTGGGAATTTTGAAGTCTTAGAACCGG
GTGCCCGAGGATTATGGAACCCCAAGACATTAAGGGAAGCTTATGGTTTGCTATGAAA
CTTTGCCCGGGGCCAGTGCCTCTCTACAAGTGGGAGGAAGAGAGGCCACCAACCACC
TGGATCAAGTCCCAAGCATGCAGGATGGCTCTGAGAGTTTTTCTCCGACACGGACACC
GGGACTGCTGACTATGCAACTAAAGTCACCCATGCCCTCCAGCACCCAGAAAGACT
CGTACCAGCCACCAGGAAACGTCTATTGGCCACTTCGAGGGAAGCGTGAAGCCATGCTGG
AGATGCTCCTGCAGCATCAGATCTGTAAGAGGTGCAGGCAGAACAGGAACCCACAAGGA
AGCTCTTCGAGGTTGAGTCTGTGACACACCATGACTACCGAATGGAGCTGGCACAAGCAG
GGACTCCTGCCCCAACAAAGCCTCAGACTACCGCCAGGAGCAACCTGAGACCTTCTGGA
TACAGAGGGCACACAGCTGCCGACATGGTGGCCATTGCCACCCAGGTACCAGCAGCAG
AAGACTATCTGACTTGGAAAGAATGGGGTTTACAGGAGTCCAGGAGTCTTTCCGCTC
TCTAAGAGCCACACCTGGTGAATACTCAGTAAACATTTGCGGAATGAATGAACCCCTG
TCTGCAGCAGGACATGGACAAATAGGCTCTGCCATCAGGAAATGGGAAGCAAGAAAACGG
TAACTCAAGAGGACAGAGGCTGGTGAAGAGGTAAGCAGGCCAGTGAATGGACCTGAC
AGCCCAAACTGTCAGAGAGGAGGAAAGCAGGCATTTGATTTTGGTAATTGTGCCAAAGCT
ATGTAAGAGAATAAATGCCATTGTTTTAAGGAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC019247 unedited
NNNNGGGTAACGTACAGTATTTGTATACGACTCACTATAGGGCGGCCGATAACTTCGTA
TAGCATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGCG
AGCGGAGTCTGAAGATGGAGACCAACGGGTCTACGGAGGGATCGCGGTGCGGGTCCGAT
CTTTAGACATACAGCCAGCTCCGAAGGACTGGGGCCACTTCGGAACCGTTTCTTCTT
CAGATGACAGTCCCAGGTGGCCCTGGCAGCTGCAACCGCAGCAGCTGCAGCGGCTGCAT
CAGCTGCTGCAGCTACTGCAGCCTTACCAGTCCAAAGCAGCTGCATTATCTACAAGA
CCCCAGCGCCCTGTTCTGAGTTCATGGAGCCGTCCTCTGACCCAGCCTTCTTGGGGAGC
CCTGTGCGGGACCCGGCTTTACCCACAATATAGCCCATGGGAGTCTTGGCTTTGAGCCCG
TCTATGTTTCTGTATTGCTCAGGACACTTGCACTACAAGTACCATAGTTCTAATCCTG
GCCCTGTTCCAGGCTCTAGCTCTGGCCCTGTTCTTGGTTCAGCTCAGGTGCTGGCCATG
GCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTG
GTCCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTGGCTCTG
CCTCTGGGCCCTGGTCCAAAACTGGCCCTTACTCTGAGCTCAGCCCTGTTTCTCTCC
AGGTTTCAAAAATTTGGGGCAGATCGGGTCCCCTAACTATTACCCCGGGAAGTCAACC
TTGGCCCTGGGAGCCCAAG

Restriction Sites: Please inquire

ACCN: BC019247

Insert Size: 1667 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).
RefSeq:	BC019247.1 , AAH19247.1
RefSeq Size:	1667 bp
Locus ID:	26206
Gene Summary:	<p>The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm antigens. The protein encoded by this gene is recognized by sperm agglutinating antibodies from an infertile woman. This protein is localized in germ cells of the testis at all stages of spermatogenesis and is localized to the acrosomal region of mature spermatozoa. This protein interacts with ACT (activator of CREM in testis) and may play a role in CREM (cAMP response element modulator)-ACT-mediated gene transcription during spermatogenesis. This protein may also play a role in spermatogenesis by regulating microtubule formation and cell division. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined. [provided by RefSeq, Jul 2012]</p>