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Product datasheet for SC205241

SPAG8 (NM_172312) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SPAG8
Synonyms:	BS-84; CILD28; CT142; HSD-1; hSMP-1; SMP1; SPAG3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_172312
Insert Size:	418 bp
Insert Sequence:	>SC205241 3'UTR clone of NM_172312 The sequence shown below is from the reference sequence of NM_172312. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACGGTAACTCAAGAGGACAGAGGCTGGTGAGGAGGTAAAGCAGGCCCAGTGAAATGGACCTGACAGCCC AAACTGTCAGAGAGGAGGAAAGCAGGCATTTGATTTTGGTAATTGTGCCAAAGCTATGTAAGAGAATAA ATGCCATTGTTTTAAGGAAATACACAGTGAAGTTTTTAGGAAATACACACTAAGTATTTAGGGATAAAG TAGTTATCCCTAAATAGTAGTCTGCCACATGCCAAACAATGTTAGGTACTTTCCATACAACGAATCTAT TATTCCCATCTTACAGATAAAACAACTGAGGCTCAGGGAGATTCTGTGACTTACCTAAGGCCACACAGT TAGCAACAAGCCAATATTCAAATCCAGATGATTTTTACTCCCAAGGACAATAAATCCAACTCAATAACT TCAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_172312.2

Summary: 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]

Locus ID: 26206

MW: 15.9