

Product datasheet for SC122378

SPAG16 (BC067756) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPAG16 (BC067756) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPAG16
Synonyms:	PF20; WDR29
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC067756 edited
CGTCTTCGCTGTTGCCCTTAGGGACGGCTGTGGGCCTGCTGGGGTGGGGCCCCGAAGCG
CCAGAGATGGCTGCTCAGCGAGGGATGCCAGCTCCGCCGTGAGGGTCTGGAAGAGGCG
TTGGGCATGGGTTTGACGGCAGCCGGGGACGCGAGGGACACGGCGGACGCGGTGGCGGCT
GAGGGCGCCTACTACCTGGAACAGGTCACCATAACTGAAGCATCTGAAGATGACTATGAA
TATGAAGAGATACCAGATGACAATTTTAGCATCCAGAAGGTGAAGAAGATCTGGCAAAA
GCAATTCAGATGGCCCAAGAACAGGCTACAGATACTGAAATTTTGAACGGAAAACAGTT
CTTCCTCAAAGCATGCAGTACCTGAAGTAATAGAAGACTTTCTCTGCAATTTCTTGATC
AAAATGGGAATGACCAGAACTCTTATTGCTTTCAGTCTGAATGGTATGAGTTAATACAG
AAAGGAGTGACTGAACTTAGAACTGTTGGGAATGTTCCAGATGTCTACACCCAGATTATG
CTTTTGGAAAATGAGAACAAAAATTTAAAGAAAGATTTGAAGCACTACAACAAGCAGCT
GAGTATGTTATTTTTAAATGACATTTTCTTTTCTTTTGGACTAAATAAAAGAGTT
GAGTGAAGCTGATATATGTAATATACCAGAGCCTAATTTTTGAAAACGAAATTTTCTA
GTTGTAAGAATGTGAGAGGCTTCATTAGCAAATTAATTAACAGATGATCAGAACTATC
ACAATTAACTACCAACAAGAAGGGAATGCAGGTAGTTGTTTAGGAGATGGTACATTT
TTTATATAACATTCACCTCCTTGATTTGATAGTCTTTTCATGGTTTAAACATTTTC
TCCTGTAAGATAGGCTAATTTCTGAAATAATAATTAATTTATAGAAAGCCGAGAGGAA
ATTGCTAGTTTATTCTGGTAGAGGAATTTCTGTATTTGAAAATCTCCAGAAGGAATAA
TATAAACTGTGGACTTTGGGTGATAATGATATGTAGTTTCAGTTGTTAACAATGTA
TCCTCTGTTGGGGCTATTGATAATGGGAAGGCTGTGCATGTGTGGGAGTAGGAGGTG
TATGGGACATCTGTACCTTCTAATCAATTTTGCTATGAACTTAAAACGCTCTAAAAA
TAAAGTTTATAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC067756 unedited NGGTTTAGGATTTGTAATACGACTCTCTATAGGGCGGCCGCAATCCCGGGATATCGTC GACCCACGCGTCCGCGTCTTCGCTGTTGCCCTTAGGGACGGCTGTGGCCTGCTGGGGT GGGGGCCGAAGCGCCAGAGATGGCTGCTCAGCGAGGGATGCCAGCTCCGCCGTGAGGG TCCTGGAAGAGGGCTTGGGCATGGGTTTACGGCAGCCGGGACGCGAGGGACACGGCGG ACGCGGTGGCGGCTGAGGGCGCCTACTACCTGGAACAGGTACCATAACTGAAGCATCTG AAGTACTATGAATATGAAGAGATACCAGATGACAATTTTAGCATCCCAGAAGGTGAAG AAGATCTGGCAAAAGCAATTCAGATGGCCAAGAACAGGCTACAGATACTGAAATTTTGG AACGAAAACAGTTCTTCTTCAAAGCATGCAGTACCTGAAGTAATAGAAGACTTTCTCT GCAATTTCTTGATCAAAATGGGAATGACCAGAACTCTTGATTGCTTTCAGTCTGAATGGT ATGAGTTAATACAGAAAGGAGTGACTGAACTTAGAACTGTTGGGAATGTTCCAGATGTCT ACACCCAGATTATGCTTTTGGAAAATGAGAACAAAAATTTAAAGAAAAGATTTGAAGCAC TACAAACAAGCAGCTGAGTATGTTATTTTTAAATGACATTTTTCTTTCTTTTCTTTTGG ACTAAATAAAGAGTTGAGTGAAGCTGATATATGTAATATACCCAGAGCCTTATTTTTTGG AAAACTGATTNTTCTAGTTGTAAGAATGTGAGAGGCTTNCATTAGCAATTAATTAACAG ATGATCAGAACTATCACATTACTTACCCACAAGAAGGNATGCAGGTAGTTGTTTAG GAGATGTACATTTTTATATAAN
Restriction Sites:	Please inquire
ACCN:	BC067756
Insert Size:	1226 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:	BC067756.1 , AAH67756.1
RefSeq Size:	1296 bp
Locus ID:	79582
Cytogenetics:	2q34
Gene Summary:	Cilia and flagella are comprised of a microtubular backbone, the axoneme, which is organized by the basal body and surrounded by plasma membrane. SPAG16 encodes 2 major proteins that associate with the axoneme of sperm tail and the nucleus of postmeiotic germ cells, respectively (Zhang et al., 2007 [PubMed 17699735]).[supplied by OMIM, Jul 2008]