

Product datasheet for **SC105736**

C21ORF56 (SPATC1L) (NM_032261) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C21ORF56 (SPATC1L) (NM_032261) Human Untagged Clone
Tag:	Tag Free
Symbol:	C21ORF56
Synonyms:	C21orf56
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105736 sequence for NM_032261 edited (data generated by NextGen Sequencing)

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ATGGTCCGGCCTAAGAAGGTGTGTTTCTCGGAGAGCAGCCTGCCACCGGGACAGGACC
AGGAGGAGCTACTACCTCAATGAGATCCAGAGCTTCGCGGGCGCCGAGAAGGACGCGCGC
GTGGTGGGCGAGATCGCCTTCCAGCTGGACCGCCGCATCCTGGCCTACGTGTTCCCGGGC
GTGACGCGGCTCTACGGCTTACGGTGGCCAACATCCCCGAGAAGATCGAGCAGACCTCC
ACCAAGTCTCTGGACGGCTCCGTGGACGAGAGGAAGCTGCGCGAGCTGACGCAGCGCTAC
CTGGCCCTGAGCGCGCGCCTGGAGAAGCTGGGCTACAGCCGCGACGTGCACCCGGCGTTC
AGCGAGTTCCTCATCAACACCTACGGAATCCTGAAGCAGCGGCCCGACCTGCGCGCCAAC
CCCCTGCACAGCAGCCCCGCCGCGCTGCGCAAGCTGGTCATCGACGTGGTCCCCCAAG
TTCCTGGGCGACTCGCTGCTGCTCAACTGCCTGTGCGAGCTCTCCAAGGAGGACGGC
AAGCCCCCTCTTCGCTGTGA

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Clone variation with respect to NM_032261.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032261 unedited
 TGCGCATTTGTATACGACTCATATAGGGCGGCCGATTTCGGCACGAGGGATGAGATGAC
 CCATCTGTTGCATCCCGGCTGCTGATAAAACAAGACCCTCGGAGCCAAGAAACAACACTG
 AGTTCCAGATTTTCGGAAGGTTACAGAGTGTGCGGACACGCCCTCCCAACTGCAGACATC
 CTCCTGGAGGACCTGCTGTGCTCACATGCCCCCTGTCCAGCGAGGACGACACCTCCCC
 GGGCTGTGCAGCCCCCTCCAGGCACCTTCAAGGCCTTCTCAGTCCCCCAGAGCCACA
 TAGCCACCGAGGCACCGACAGGAAGCTGTCCCCGCTCCTGAGCCCCCTTGAAGACTCACT
 GGTGGACAAGACCCTGCTGGAGCCAGGGAGATGGTCCGGCCTAAGAAGTGTGTTTCTC
 GGAGAGCAGCCTGCCACCGGGGACAGGACCAGGAGGAGCTACTACCTCAATGAGATCCA
 GAGCTTCGCGGGCGCCGAGAAGGACGCGCGCTGGTGGCGAGATCGCCTTCCAGCTGGA
 CCGCCGCATCCTGGCCTACGTGTTCCCGGGCGTGACGCGGCTCTACGGCTTACGGTGGC
 CAACATCCCCGAGAAGATCGAGCAGACCTCCACCAAGTCTCTGGACGGCTCCGTGGACGA
 GAGGAAGTGCAGGAGCTGACGACGCTACCTGGCCCTGAGCGCGCCTGGAGAAGCT
 GGGCTACAGCCGACGTGCACCCGGCTTACGCGAGTTCCTCATCAACACCTACGNAAT
 CCTGAAGCAGNGNCCGACCTGCGCGCCAACCCCTGCACAGNAGCCCGCGCTGCGC
 AAGCTGGTCATCGACGTGGTCCCCCAAGTCTGGGCGACTCGCTGCTGCTCACTG
 CCTGTGCGAGCTCNACG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032261 unedited
 TATGGACGCGCCGCATCTAAAGTCGGTTTTTTTTTTTTTTTTTTTTCGAAACGGATGATTT
 TAATGAGGGGTGAGAAGCACTCCGAGGTGCGGGCAGCGGGGCTGCGGTGGGGCCCA
 TCACCGGTGGGAGCGGGCCTTCTGCGCTCGCGCGGGGGACGCGGCCCTTTCCCT
 CCGGGGGACGCGCAGGAGGCACCGCGGCCCGGTTGGAACAAACGCGTCTACTGCAGG
 CAAGGCGGTGGGCGCGGGCGGCTCATCAGGCGAAGAGGGGCTTGCCGTCTCTTGGAG
 AGCTCGCACAGGAGTTGAGCAACAGCAGCGAGTCGCCAGGAATTGGGGGGCACCACG
 TCGATGACCAGTTGCGCATCGCGGCGGGCTGCTGTGACGGGGTGGCGCGCAAGCCG
 GCCGCTGCTTACAGATCCGTGCGCGGCGATGAGGAACTCGCCGACGCGGCCGCGCACGCGC
 CGGCTGACCCAGTTTTACCGGCCGCCCAAGGGCCAGAATCGGTGGACCACCCGCCCA
 CTCCCTCAAACCCGGGCACCCCATATCGGGGACGACACGCGCCACCGCGGGATC
 CCCCCCCCCCTCCCCACCCCCCGCCCCCGCCCCGACCCGCCACCCTCTACCCCCCCC
 CGCCCCGGGTGCTCCGCCCCCAATCTCGCCCTTCCCGCGCCCGTCCGCCCCCG
 CCGCGGGGCCCCCCCGCCCCCGCCCCCGCCCCCGCCCCCGCCCCCGCCCCCGCCCCCG
 GCCCCGACGCGCCGCTCCCCCCCCCCCCCGCCCCCCCCCGCCCCCCCCCGCCCCCG
 CACACCGCGCACCCGCCCCACGTCCCGCCCCGGCGCTCTACCACCCACCCCTCTGGG
 TATCCCTCCGTCCCCCCCCCCCCCTCTGGG

Restriction Sites:

NotI-NotI

ACCN:

NM_032261

Insert Size:

1100 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:

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: [NM_032261.3](#), [NP_115637.3](#)

RefSeq Size: 1095 bp

RefSeq ORF: 561 bp

Locus ID: 84221

UniProt ID: [Q9H0A9](#)

Cytogenetics: 21q22.3