

Product datasheet for **SC315675**

SNTN (NM_001080537) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SNTN (NM_001080537) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SNTN |
| Synonyms: | S100A1L; S100AL; sentan |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC315675 representing NM_001080537. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGTGGCTGTATGCACAGTACCCAGGACAAATCTCTCCACTTGAAGGAGATCCCAATCCTTCTGCA
 GCCCAACATCCACCTGCGCACCTAGGAAAATGCCAAAAGGATTTCAATATCCAAACAAGTGGCTTCA
 GTGAAAGCTCTGAGGAAGTGCTCAGATCTGAAAAAGCTATTGCCACCACTGCTCTGATTTTCAGAAAT
 TCTTCTGACTCTGATGGTAACTTGAAAAAGCTATTGCCAAAGATCTGCTGCAACCCAATTTAGGAAT
 TTCGAGAGGGACAAGAAACCAAGCCAAAATACAGAGAGATCCTTCTGAACTTGATGAGCACACAGAA
 AATAAGCTAGATTTTGAAGACTTCATGATCTTGCTCTTAAGCATCACTGTCATGTCAGATCTGCTACAA
 AATATACGGAATGTAAAAATTATGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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| Restriction Sites: | Sgfl-MluI |
| ACCN: | NM_001080537 |
| Insert Size: | 444 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).


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| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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_001080537.1</u> |
| RefSeq Size: | 1586 bp |
| RefSeq ORF: | 444 bp |
| Locus ID: | 132203 |
| UniProt ID: | <u>A6NMZ2</u> |
| Cytogenetics: | 3p14.2 |
| MW: | 16.5 kDa |
| Gene Summary: | <p>May be a component of the linker structure that bridges the ciliary membrane and peripheral singlet microtubules.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p> <p>Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p> |