

Product datasheet for **SC336373**

SNTG1 (NM_001287814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNTG1 (NM_001287814) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNTG1
Synonyms:	G1SYN; SYN4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC336373 representing NM_001287814.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

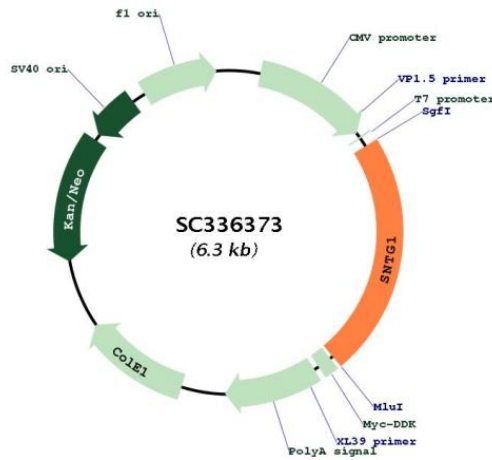
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGATTTCAGAACCGCCTGTGAGGAGACAAAGACAGGAATTTGTTTGCTGCAGGATGGTAACCAGGAG
CCTTTCAAAGTGGCGCTGCACCTAGCCAAGACATTTTGATGATCCAGGAACAGGATGTGATATGTGTG
TCTGGTGAGCCTTTCTATTCTGGTGAAAGAACGGTGACCATCAGAAGACAACAGTAGGAGGATTTGGA
TTAAGCATAAAGGGAGGAGCAGAACATAACATTCCAGTTGTCGTTTCAAAAATCTCCAAGGAACAAAGA
GCGGAACTTTCAGGACTACTTTTTATTGGAGATGCAATTCTACAGATAAATGGCATTAATGTGAGAAAA
TGTAGACATGAAGAAGTGGTTCAGGTTCTTCGGAATGCTGGAGAAGAGTGACTCTAACAGTGCATTT
TAAAAAGAGCACCTGCTTCTCAAACTCCCATTGAATGAAGATTGTGCATGTGCTCCAAGTGACCAG
AGCAGTGGCACCTCCTCCTCTGTGACAGTGGCTTACATCTCAACTACCATCCCAACAATACAGAC
ACATTATCATGCTCGTGGCCGACGCTCCAGGCTTGAGTGGGAGAAGCGATGGTGCACCTCAGA
CTGATCCCTCTACTTCATTCGCGCTTCTCTCAGTATGTGCCCGGCACAGATTTGAGTCGGCAGAATGCC
TTCAAGTCATTGCTGTGGATGGGGTCTGCACTGGGATTATTCAAGTGCCTCTGCTGAAGACTGGGT
GACTGGCTACAAGCAATAGCAACTAACATTTCAAATCTCACAAAAGCACAATATAAAAAATCAACAGA
AACTTCTCTGTAAAACAGCAGATTGCTACATGGGCTGGTGTGAAGCCCGGGAGCAAGACCCCTCCAG
GACAGAGTGACTCCCGACCTTCTGGCCCTGAGGGCTCATGTCTCTACAAGTTTCTGGCACCTCCA
GTGACCACCTGGGACTGGACGAGAGCAGAGAAACATTCTCAGTTTATGAGATTATGTGCAAGATCCTC
AAGGACAGTGACTGCTGGACCGACGGAACAGTGCTTCACCGTGCAGTCTGAGTCTGGGAGGACCTG
TACTTCTCAGTGGAGCTGGAAAGTGACCTCGCCAGTGGGAAAGAGCCTTCCAGACAGCAACCTTTCTA
GAAGTAGAACGGATACAGTGCAAGACATATGCATGTGTGCTAGAAAGTCATCTAATGGGACTCACAAT
GATTTCAGCACAGGATTTATCTGCTTTGATGCTGCAACAAGGAGTTGGAATTTTCTAATTTATTGCT
GTTCTTCACTGCATTCATTCTTCTTTGCTGCCAAGGTAGCTTGTTTGGACCCTCTATTTTTAGGCAAT
CAAGCTACTGTTCTACTGCTGCCAGCTGCTACCACGAGCAAAGCAAAGTATACAACTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN: NM_001287814

Insert Size: 1443 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:	NM_001287814.2
RefSeq Size:	5856 bp
RefSeq ORF:	1443 bp
Locus ID:	54212
UniProt ID:	Q9NSN8
Cytogenetics:	8q11.21
MW:	53.7 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the syntrophin family. Syntrophins are cytoplasmic peripheral membrane proteins that typically contain 2 pleckstrin homology (PH) domains, a PDZ domain that bisects the first PH domain, and a C-terminal domain that mediates dystrophin binding. This family member plays a role in mediating gamma-enolase trafficking to the plasma membrane and in enhancing its neurotrophic activity. Mutations in this gene are associated with idiopathic scoliosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]</p> <p>Transcript Variant: This variant (3) lacks a 5' non-coding exon and an in-frame penultimate coding exon compared to variant 1. The resulting shorter isoform (2) lacks an internal protein segment in the C-terminal region compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>