

Product datasheet for **SC301244**

SS18 (NM_001007559) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SS18 (NM_001007559) Human Untagged Clone
Tag: Tag Free
Symbol: SS18
Synonyms: SSXT; SYT
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001007559 edited
GGCGGCAACATGTCTGTGGCTTTTCGCGGCCCGAGGCAGCGAGGCAAGGGGGAGATCACT
CCCCTGCGATTTCAGAAGATGTTGGATGACAATAACCATCTTATTCAGTGTATAATGGAC
TCTCAGAATAAAGGAAAGACCTCAGAGTGTCTCAGTATCAGCAGATGTTGCACACAAAC
TTGGTATACCTTGTACAATAGCAGATTCTAATCAAAATATGCAGTCTCTTTTACCAGCA
CCACCCACACAGAATATGCCTATGGTCCTGGAGGGATGAATCAGAGCGGCCCTCCCCCA
CCTCCACGCTCTCACAACATGCCTTCAGATGGAATGGTAGGTGGGGTCTCCTGCACCG
CACATGCAGAACCAGATGAACGGCCAGATGCCTGGGCCTAACCATATGCCTATGCAGGGA
CCTGGACCAATCAACTCAATATGACAAACAGTCCATGAATATGCCTTCAAGTAGCCAT
GGATCCATGGGAGTTACAACCTTCTGTGCCATCATCACAGAGCATGCCAGTACAGAAT
CAGATGACAATGAGTCAGGGACAACCAATGGGAACTATGGTCCCAGACCAATATGAGT
ATGCAGCCAAACCAAGGTCCAATGATGCATCAGCAGCCTCCTTCTCAGCAATACAATATG
CCACAGGGAGGGCAGCAGCATTACCAAGGACAGCAGCCACCTATGGGAATGATGGGTCAA
GTTAACCAAGGCAATCATATGATGGGTCAGAGACAGATTCCCTCCCTATAGACCTCCTCAA
CAGGGCCACCACAGCAGTACTCAGGCCAGGAAGACTATTACGGGGACCAATACAGTCAT
GGTGGACAAGGTCCTCCAGAAGGCATGAACCAGCAATATTACCCTGATGGTCATAATGAT
TACGGTTATCAGCAACCGTCGTATCCTGAACAAGGCTACGATAGGCCTTATGAGGATTCC
TCACAACATTACTACGAAGGAGGAAATTCACAGTATGGCCAACAGCAAGATGCATACCAG
GGACCCTCCACAACAGGGATATCCACCCAGCAGCAGCAGTACCCAGGGCAGCAAGGT
TACCCAGGACAGCAGCAGGGCTACGGTCTTTCACAGGGTGGTCCAGGTCCTCAGTATCCT
AACTACCCACAGGACAAGGTCAGCAGTATGGAGGATATAGACCAACACAGCCTGGACCA
CCACAGCCACCCAGCAGAGGCCTTATGGATATGACCAGGGACAGTATGGAAATTACCAG
CAGTGA AAAAGTACTTACATTCCAGTAGCCAGTATCTATTAGCAGCCATATTGTCACCTC
AGCACTGTGGACACCTCCTGTGAAGAGATCCTTCCATTCATCTAGTTTTTGGAAAAAC
CTTGTGGATAAGTGGCTGTTTCATCAGTAAGCAGCCTTTGTGGATTAGTTATAAAAGGCT
TTAGTAGCTCAAAAATACTCTTGATTTTACATTTCTACTTAGATGGCAACATTGGACAG
AAAATGCAATGACATAACCAATTTGTAATGATTTTGGAACTGTGTTTCAAATGGACTGTT



[View online »](#)

```

ACAGACTGAAAGGTGTGAACAGCTTTGTATGTTTATGAAGGGTAAGGGAATTTAATACTT
TTCCACAGATTTTTTTGTAAAGGGGAAGAGGGAAATGTACACTTTTTACAGCAGCAATATT
TTGTATATTATGTTTATTTTCATGTGGTGAATATGCAAGGCGGTACACTACGCACTGGACA
GCATCAGAAATCCTCTGTAAATGTGGACTGGAGCATGGTAGATGCTTGATTGTTTTGGTC
TCAAAATGGTGTGCTATAAAGATAAAGGTGAGGGGAAGACAAAGCACACCATATGTCCAC
TGTTCTGTTCTCATAGAGGAAATCAAATCCCTTTTATCTATTAGATAATCAAGGGCACT
GTGATACAGTTTTGAGTAAAAAGACATTTTTTAAAAGCCTTCCAGTTTTGTGGATTAAC
CTTTTTATAAAGATCATTATAAATACTGTTTTTAAAATGTGAGGCAATAAGAATTACTTTG
TGTTGGATCTGAGGAGGCTTTGGTAAAACAGTTTCATCTAAATGAAAGTGGTAATCCTCT
TCTAAAATAGCAATAACTGAAAATGAAAGTGTTAATTTTACCTTGTTTGAGTTATCAGGG
AACTTAGTAAGTAATATCAAAGCATTTTTATAAATGATATCAAAGAAGAGTCAACATTGAT
CCAGTCATTTTTATTTGTAATATTGAGGGATAATTGGTTATTAAGTGAATAGTTCAGGA
GACTTTACAAACCTTTGTTTCAACTTTCTTATCTGGAAAATAATCATTATAAAGGGAC
ACTTTTATGTTTTCCCTTTTTTATGTTGGTTGATATAACACAAAGAGATATTTAGGAAA
ATGCTTATTGATGAGGTTTATTCTATCTGTTTTTAAAGCACCGAGTTGCATTCTAGATA
ACCTTGTTTATTAGCATGGCATATTTAATCATTATTTGAGACTGCCTGTGCCTGATTA
TTTTAGCTAAATTCAGGGAGATTGCGTGGGGCAGGAAAGCATGCATTGAAAAATTTCTAA
CCACGGTTATTTAAGCATAATCTGAAAACATCTAGCCCAAAGGTAAGTTGCTATTTTCAT
CACAGTTGCCTATGCCAGGGAATAAGATGTATTCTTTATAATTGAATTGGTTTTTCCCA
CGTCTAACTGGAAACAAAACAGAAGGGGCGTCATAAATTTGAATAAGCAGAACATACTGT
TCTCAACATACTGAATCAAAGGAGGAATTTCAAGTGGTCTCTGTGTGTATGAGAGA
GAGAGTGTGTGTTGTGTGTTTCAAGGTCAGAACAGGTTTTTTGTTTTTGTGTTTTGTT
CTTTGTTTTTTTTTTGAGATGGAGTCTTGCTCTTGTCGCCAGGCTGGAGTGCAGTGGC
GCAATCTCAGCTCACTGCAACCTCCGCCTCCAGGTTCAAGCAGTTCTCCTGCCTCAGCC
TCTGAGTAGCTGGGATGACAGGCACCCGCCACCCAGCTAATTTTTGTACTTTTA
GTAGAGACGAGGTTTCGCCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGAT
CCACCCGCTCGGCCTTCCAAAGTGTGGGATTACAGGCGTGAGCCACCGTGCCTGGCCA
GAATAGGTTTTTTCTTTCAACTTGATCAGTAGAAAATGGACATCAAGTTTGAACAGATAA
ATCATGGACAGCCTTATTGTGATTGAAATGCTTGTAGGTTCTGTGCCAATTTCCACCAC
TGTGTACTTTGTGCTATTTAAAAGTGTATCAACTCTAACGGAAGAATAAATTATTTGTG
ATTTTAAAAAAAAAAAAAAAAAAAA

```

- Restriction Sites:** Please inquire
- ACCN:** NM_001007559
- Insert Size:** 3400 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001007559.1.
- 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_001007559.1, NP_001007560.1</u>
RefSeq Size:	3440 bp
RefSeq ORF:	1257 bp
Locus ID:	6760
UniProt ID:	<u>Q15532</u>
Cytogenetics:	18q11.2
Protein Families:	Druggable Genome
Gene Summary:	<p>Appears to function synergistically with RBM14 as a transcriptional coactivator. Isoform 1 and isoform 2 function in nuclear receptor coactivation. Isoform 1 and isoform 2 function in general transcriptional coactivation. Component of SWI/SNF chromatin remodeling subcomplex GBAF that carries out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner (PubMed:29374058).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>