

## Product datasheet for **SC118251**

### SGTA (NM\_003021) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SGTA (NM_003021) Human Untagged Clone
Tag:	Tag Free
Symbol:	SGTA
Synonyms:	alphaSGT; hSGT; SGT
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003021, the custom clone sequence may differ by one or more nucleotides

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ATGGACAACAAGAAGCGCCTGGCCTACGCCATCATCCAGTTCCTGCATGACCAGCTCCGGCACGGGGGCC
TCTCGTCCGATGCTCAGGAGAGCTTGAAGTCGCCATCCAGTGCCTGGAGACTGCGTTTGGGGTGACGGT
AGAAGACAGTGACCTTGCCTCCCTCAGACTCTGCCGAGATATTTGAAGCGCTGCCACGGGCAAGGAG
ATGCCGCAGGACCTGAGGAGCCCCGCGCAACCCCGCCTCCGAGGAGGACTCAGCAGAGGCAGAGCGCC
TCAAACCGAAGGAAACGAGCAGATGAAAGTGAAAACCTTGAAGCTGCCGTGCATTTCTACGAAAAGC
CATCGAGCTCAACCCAGCAACGCCGTCTATTTCTGCAACAGAGCCGAGCCTACAGCAAACCTCGGCAAC
TACGCAGGCGCGGTGCAGGACTGTGAGCGGGCCATCTGCATTGACCCGGCCTACAGCAAGGCCTACGGCA
GGATGGGCCTGGCGCTCTCCAGCCTCAACAAGCAGTGGAGGCGGTGGCTTACTACAAGAAGGCTCTGGA
GCTGGACCCCGACAACGAGACATACAAGTCCAACCTCAAGATAGCGGAGCTGAAGCTGCGGGAGGCCCCC
AGCCCCACGGGAGGCGTGGGCGAGCTTCGACATCGCCGGCCTGCTGAACAACCCCTGGCTTCATGAGCATGG
CTTCGAACCTAATGAACAATCCCCAGATTCAGCAGCTCATGTCCGGCATGATTTCCGGGTGGCAACAACCC
CTTGGAACTCCCGGCACCAGCCCCTCGCAGAACGACCTGGCCAGCCTCATCCAGGCGGGCCAGCAGTTT
GCCAGCAGATGCAGCAGCAGAACCAGAGTTGATAGAGCAGCTCAGGAGCCAGATCCGGAGTCCGGACGC
CCAGCGCCAGCAACGACGACCAGCAGGAGTGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_003021 unedited  GGTTTCGCATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCTGAGNAGT  ATCACCTCTTCTGGGCTCAAGATGGACAACAAGAAGCGCTGGCCTACGCCATCATCCAG  TTCCTGCATGACCAGCTCCGGCACGGGGGCTCTCGTCCGATGCTCAGGAGAGCTTGAA  GTCGCCATCCAGTGCCTGGAGACTGCGTTTGGGGTGACGGTAGAAGACAGTGACCTTGCG  CTCCCTCAGACTCTGCCGAGATATTTGAAGCGCTGCCACGGCAAGGAGATGCCGCGAG  GACCTGAGGAGCCCCGCGGAACCCCGCTTCCGAGGAGGACTCAGCAGAGGCAGAGCGC  CTCAAAACCGAAGGAAACGAGCAGATGAAAGTGGAAAACCTTGAAGCTGCCGTGCATTTT  TACGAAAAGCCATCGAGCTCAACCCAGCCAACGCCGTCTATTTCTGCAACAGAGCCGCA  GCCTACAGCAAACCTCGGCAACTACGCAGGCGCGGTGCAGGACTGTGAGCGGGCCATCTGC  ATTGACCCGGCTACAGCAAGGCCTACGGCAGGATGGGCCTGGCGCTCTCCAGCCTCAAC  AAGCAGTGGAGGCCGTGGCTTACTACAAGAAGGCTCTGGAGCTGGACCCCGACAACGAG  ACATAAAGTCCAACCTCAAGATAGCGGAGCTGAAGCTGCGGGAGGCCCCAGCCCCACG  GGAGGCGTGGCAGCTTCGACATCGCCGCTGCTGAACAACCTGGCTTCATGAGCATGG  CTTCGAACCTAATGAAACATCCCAGATTCAGCAGCTCATGTCCCGCATGATTTCCGGTGG  GCACAACCCCTTGGGACTCCCCGGACCCAGCCCTTGCAAGCNGACTGGNCAGCCTCAT  TCAGGCGGGCCAGCAGTT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_003021 unedited  GGCGCGTTTTCTTCTCAACGTCACGCCCTGCACCCCGGGTGGGCTTGGCACACACCTC  ACCGCCATGAGCGGCTGCAGGGCCGCGGGCCCCGTTCTACTGCTACCTACGATACA  CGGTACTGCGCTACCTACAGACGGCCAGGAGCCAGGGAGCCCCAGGATGCTCCGACTG  ACAACCTGCTGCTGGGACCACGGCGCCGTGGGCTCGTCTGCCACCCCGAGCCCTCAGGA  ACCCAGACAGGCTGCCTGCTGTCCGGCTCTCCGGCTGTTTCTGGTGGCTGTTTACGG  CCAAGGTGGGCGGCACCTGAGGTGTCCCGTGGCCTCCACCCAGCAGGAGGGGTAAAGCT  TCCTTGGGGGGCCCCGGGCCCTGAAACATCCAGGACAGAAGGACAGTATGACGGGCCAC  CGACAGAAACTGTTATGTGCCTTTCCTGTGCCCGGGTACGGTCCGTGGAACACCACG  TCACGACGTCCGCCCTCGCTTTCGGCGCGACGTCTTTCATCCGCTGCTGGGACGAAGCTA  ACCCGTTTCCCTTATGCTCAACCCGCCAGCGCCCCACCTACCGGTCTTCCCCCCCCGGTT  GTCCCCGCTCGCGCCCAAGCCAATCGCCCCCTCCCTCGTTTTGTGACTACGTGTGC  GCGCGCAGACCACCGCTGCCCGTGCCTCCTCCCGCCCTCGCCCCCGTTCCCTCGCAAGT  CCCCAATCCCCGCTCCCACTACGTCCCATCTTCCCCCTTCTCCTCTCCCGCTCTCTC  CCCCCTTCTAACTTCGCGGCTACTCGTGTCTAAAGTCGCTATCACCCCGTGGACATC  TGCGTCTGTATCCCCACCCCTACCCGCCACGCGCTCGTATTACCCCTCATAACCTC  GATATCCAGCCGTTCTGCCTCTGCTTCCGTCCGCGCCCTCTTTCCTGCCTTTTCCC  TCCCATCTCCCCCTAAT</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003021
<b>Insert Size:</b>	2380 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_003021.3</a> , <a href="#">NP_003012.1</a>
<b>RefSeq Size:</b>	2358 bp
<b>RefSeq ORF:</b>	942 bp
<b>Locus ID:</b>	6449
<b>UniProt ID:</b>	<a href="#">O43765</a>
<b>Cytogenetics:</b>	19p13.3
<b>Domains:</b>	TPR
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function. [provided by RefSeq, Jul 2008]