

Product datasheet for **SC319266**

SGTB (NM_019072) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SGTB (NM_019072) Human Untagged Clone
Tag: Tag Free
Symbol: SGTB
Synonyms: SGT2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_019072.2
GAGAGCACAGCCTGGTGGGTTCTGGGGTCTACGGCCTAGGGGCCGGGAAGTTTGCGCCG
CCGCGACCAGTGCTGCGATCCCGAGCCGGGCTCCAGCCCCGAGGACCAGGGGTCCGGCGG
GCCTGCCTACGGAACCCGCGGGCCAGCAGCAGTCGTCTCGCGTCTCCTGCTTGAAAA
GTGTTTAAAGTTCTAAAATGTCATCTATCAAGCACCTGGTTTATGCAGTTATTCGTTTCT
TACGGGAACAAAGTCAGATGGACACTTACACCTCGGATGAACAAGAAAGTTTGAAGTTG
CAATTCAGTGCTTGAGACAGTTTTTAAGATCAGCCAGAAGATACACACCTAGCAGTTT
CACAGCCTTTGACAGAAATGTTTACCAGTTCCTTCTGTAAGAATGACGTTCTGCCCTTT
CAAACCTCAGTGCCTGAAGATGTGGGAAAAGCTGACCAATTAAGATGAAGGCAATAACC
ACATGAAAGAAGAAAATTATGCTGCTGCAGTGGATTGTTACACACAGGCAATAGAATTGG
ATCCCAATAATGCAGTTTACTATTGCAACAGGGTCTGCTGCTCAGAGCAAATTAGGTCCT
ACACAGATGCGATAAAGGATTGTGAAAAAGCAATAGCAATTGATTCAAAGTACAGCAAGG
CCTATGGGAGAATGGGGCTGGCCCTCACTGCCTTGAATAAATTTGAAGAAGCAGTTACAA
GTTATCAAAGGCATTAGATCTTGACCCTGAAAATGATTCCCTATAAGTCAAATCTGAAAA
TAGCAGAACAGAAGTTAAGAGAGGTATCCAGTCTACAGGAACCTGGACTGAGCTTTGACA
TGGCTAGCTTGATAAATAATCCAGCCTTCATTAGTATGGCGGCAAGTTTAAATGCAGAACC
CTCAAGTTCAACAGCTAATGTCAGGAATGATGACAAATGCCATTGGGGGACCTGCTGCTG
GAGTTGGGGCCCTAACTGACCTGTCAAGCCTCATCCAAGCGGGACAGCAGTTTGTCTCAG
AGATACAGCAACAAAATCCTGAACTTATAGAGCAACTGAGAAATCACATCCGGAGCAGAT
CATTGAGCAGCAGCGCTGAAGAGCATTCTGATTTAACCAGGGGCTCAAGCCCAAGATA
AAATGGTTTATGCTATGAATGAAGTATTTGTTGTAGATAGTACCCCTCCCTCCTTCAA
AAAACCAAACCCATATCTGATGTGAAAAATAATGGAGGAAAACCTCTTGTGTATATTC
TTAAAGAATAAATCTGTTTAGACAGTAGGTTTATCACAAACAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_019072



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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:	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_019072.2, NP_061945.1</u>
RefSeq Size:	5453 bp
RefSeq ORF:	915 bp
Locus ID:	54557
UniProt ID:	<u>Q96EQ0</u>
Cytogenetics:	5q12.3
Domains:	TPR
Gene Summary:	Co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. [UniProtKB/Swiss-Prot Function]