

Product datasheet for **MC203940**

Sgtb (NM_144838) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sgtb (NM_144838) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sgtb
Synonyms:	C630001O05Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017611
 GCGAGCAGCCGGGTGGGCTGAGGGGGCGGCGGGCGGCAGCATTGGAGCGGGGGAAGTTTGGGAGCCGT
 GGCCCCCTCTGCGATCCAGAACACCGCTCAAGCCCCGAGGACCGCGGGGACAGGCGGACCCGCTTCCCGA
 CGCCCCGGGGCCGACGCCGTATCTCGTGTCTCTCGTGGAGATATTTAAGCGTCTAAAATGTCATCTG
 TGAAGCCCCTAGTTTATGCAGTTATTCGTTTCTTGCGGGAACAAAGTCAGATGGATGCATATACTTCTGA
 TGAACAAGAAAAGTTTGAAGTTGCCATCCAGTGTGGAGACCGTTTTTAAGATCAGTCCAGAAGACACA
 CATCTGGCAGTTTACAGCCTTTGACAGAAATGTTCAAAAACCGTCTGTGAAGAATGACATACGGCCGC
 TTTCAAACTCAGTGCAGGATGTGGAAAGGCGGACCAGCTGAAGGATGAAGCAATAACCACATGAA
 AGAAGAAAATTACGCTGCGGCAGTGGACTGCTACACGCAGGCAATAGAAGTGGATCCCAACAATGCCGTT
 TATTATTGCAACAGGGCTGCTGCTCAAAGCAAATTAAGTCACTACACAGACGCAATCAAGGACTGCGAGA
 AAGCCATTGCAATTGACTCGAAATACAGCAAGGCCTACGGAAGGATGGGGCTCGCCCTACTGCCATGAA
 TAAGTTTGAAGAGGCCGTTACAAGCTACCAGAAGGCACTGGATCTCGATCCTGAGAATGATTGATAAG
 TCAAACTGAAAATAGCAGAACAGAAGTTGAGAGAGGTGTCTAGCCCTACGGGAACCGGGCTGAGCTTTG
 ACATGGCTAGCTTGATAAATAACCCGGCCTTCATCACCATGGCTGCAAGTTTAAATGCAGAACCCTCAAGT
 TCAGCAGCTAATGTCAGGGATGATGACAAATGCCATTGGAGGACCAGCTGCCGGAGTTGGAGGCCTAACA
 GACCTGTCTAGCCTAATCCAAGCGGGGACGAGTTTGCAGCAGATACAACAGCAGAATCCGGAATCA
 TAGAGCAGCTGAGAAACCATCCGGAGCAGATCGTTCAGCAGCAGTGCAGACGAACACTCCTGACTTGA
 CCAGGACCTCGCCCCAGTACAAACATTCTGACGTGTACACTTGTAGATAATAGCCAAAAACAAAGTAAAC
 AAAACCCACCCTATACAGAGTCTGAACATAACGGAGGAAAGTCTCCTGTGTAAACCTGAGAGAATACATC
 TGTTTAGATAATAGTTTACCACAAGCAGACTTGAACGTAATCCAGACAGACTCCTTTGAAAAGCAGTGAT
 CAGTAGCCTTGTTAAGGGTGAATACAGCCTGGGGACAAGGTCATCCATTTTAAACTTTTATCATCAT
 ATTTGTATATTAGACTTAGTACAGAGTATATTTATTGAATAGTAGGGCTATTTATTGAAAAGTTCGTTAG
 CTGCAGGTTTCCCTAGGCAGTGGTCTTGGAGCGGGCGATGCTGGTTTGAAGACACAGTCTTGGCAGCAC
 GTCAGAGAGAAGCGCTGGCAGCGCTACCATCAGTGACGCGTGTCTATCGAGAGTGGCAGTTGGAAGATA
 CTGTGAATGCCAGAAAGCGAAGGCAGTGTCTCAGGTTTTCTGCATAGATTTTTTAAACTAAGCTTGTC
 TGTAGCTTCGTGTTTATAGCATTGCGATGGCCAGTTAAGTACATAATGAAACATACTTAGAAATCCTTAA
 TGATGCTGGTCAGGTCAGTGACATTACTGCCCCATTTAATTATCACAGCTTAAATGTCACAAATTCATTG
 CTGAAAACCTTACCTAGGGCAGTATCTCGTTACATTTAAAGAAGCCACTGACGTGTCCCGAGATTCCGGG
 TTTCTAAGTGGGATTTAATTATGTGCCATCAAAGACGACGACGACGATGACTATTTTTCTTGACCATT
 ATTTGATGGCTAACAGAAGCATCCATCTCTAACATTGCTCACTTGTGTAATCCTTTGGTGCAGTTTGGCT
 TGGCATGTCGGTCTTATGCTTAACTTTAATTTATTGCAATTTAAACGTAACAGGAGACTTCAACTGTCT
 TATTTTAAATTGGATGCCACACTGTGCATCTGGCGTGTGCTTAGTAGGAAGAAATGACACGAGCTATCGA
 TGGGAGGACTCTTAGTGCAGTGTGATAAGAAGGCTCATTTCAAATGGAAGTGGCTTATTAACCAAAAA
 CTTGGTTCGATCCCATCACTGCATTAGAGAGGAAATAAGTAGGAACAGAGAGTAGATGCCCCATGGAAC
 AGATCCTGGAGCTGTTAAAGGACAACAGAGCGCCTGGGAACACAGATCAGTGCATAGTGCTTGGCCAGC
 ATGTGTGAGGCCCTGGGTTACCCCTTCCCTAGTACTGCATGCAAAGGGAATGGCGGTGAGTCCCAGCACG
 TGGGAGGTAAGGGTCAGGACCAGGAATTCAGCATCACTTTGGCTACACAGTGAATGCTAGCCTG
 GGCTACAGGACCCTGTCTCGAAAACAAAAACCCCAACACCCCAAGTAGAAAAAAAACCCGACCCAAAC
 AACAACAAAACAGACAATTAGAAAACCTCATGACTTGTCTAGATTTCTGTATTTAACAACCTTTGGGAAA
 CAAATCTTTGTGAAGAAGATAAGCTGAATAGGCCTGTCTTGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144838

Insert Size: 915 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:	<u>BC017611</u> , <u>AAH17611</u>
RefSeq Size:	2719 bp
RefSeq ORF:	915 bp
Locus ID:	218544
UniProt ID:	<u>Q8VD33</u>
Cytogenetics:	13 D1
Gene Summary:	Co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. [UniProtKB/Swiss-Prot Function]