

## Product datasheet for SC123572

### GTSE1 (BC021234) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GTSE1 (BC021234) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTSE1
Synonyms:	B99
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC021234 edited GGCAGGAGCCAGGATCTGCCTCTGTCCACAAAGATGAGGGAAAATGATGACTGTGCTGT GCTCTCTACTTCCTGCGTTACTGCGTGATTCTAAAGCTGCCACTCGGAACAGCGAGTCC TCTGCCGTCGAGAGCAGGGAGGGGTAGGGTGGACAGGCGATGCCGTGAAAGACGTCTCG GTGGAAACTGCCATGGTGGAAAGGTGGCGCGTCTCACGGCTGAGTTGCTGCGCTGCA GACGGAAGCTCCCCACAGGCAGAGCTGCTTGGATGTGTGAGTCATGAAGCCAGAGAAGCC CCGCTCCATGAGCAGTGACTCCCCAGGCCGGGCACTGTGGCTCACGCGTGAATCCCAGC ACTTTGGGAGGCCGAGGCCGGGATCACAAGGTCAGGAGATCAAGACCATCTGGCCAA CATGGTGAATGCCGTCTCTACTAAAAATACAAAAATTAGCTGGGTGTGGTGGCATGTGC CTGTAATCCCAGTACTCCGAGGCTGAGGCAGGAGAATCGTTAAACCCGGGAGGCCGA GGTTGCAGTGAGCTAAGATCACGCCACTGCACTCCAGCCTAGTGACCAAGTGAGACTGTC TCAAAAAATAAATAAATAAATAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
5' Read Nucleotide Sequence:	>OriGene 5' read for BC021234 unedited GCACGAGGCCAGGATCTGCCTCTGTCCACAAANATGAAGGGAAAATGATGACTGTGCTGT GCTCTCTACTTCCTGCGTTACTGCGTGATTCTAAAGCTGCCACTCGGAACAGCGAGTCC TCTGCCGTCGAGAGCAGGGAGGGGTAGGGTGGACAGGCGATGCCGTGAAAGACGTCTCG GTGGAAACTGCCATGGTGGAAAGGTGGCGCGTCTCACGGCTGAGTTGCTGCGCTGCA GACGGAAGCTCCCCACAGGCAGAGCTGCTTGGATGTGTGAGTCATGAAGCCAGAGAAGCC CCGCTCCATGAGCAGTGACTCCCCAGGCCGGGCACTGTGGCTCACGCGTGAATCCCAGC ACTTTGGGAGGCCGAGGCCGGGATCACAAGGTCAGGAGATCAAGACCATCTGGCCAA CATGGTGAATGCCGTCTCTACTAAAAATACAAAAATTAGCTGGGTGTGGTGGCATGTGC CTGTAATCCCAC
Restriction Sites:	Please inquire
ACCN:	BC021234



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<b>Insert Size:</b>	690 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="#">BC021234.1</a> , <a href="#">AAH21234.1</a>
<b>RefSeq Size:</b>	690 bp
<b>Locus ID:</b>	51512
<b>Cytogenetics:</b>	22q13.31
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	p53 signaling pathway
<b>Gene Summary:</b>	The protein encoded by this gene is only expressed in the S and G2 phases of the cell cycle, where it colocalizes with cytoplasmic tubulin and microtubules. In response to DNA damage, the encoded protein accumulates in the nucleus and binds the tumor suppressor protein p53, shuttling it out of the nucleus and repressing its ability to induce apoptosis. [provided by RefSeq, Jul 2008]