

## Product datasheet for **MC202876**

### **Gtse1 (NM\_013882) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gtse1 (NM_013882) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtse1
Synonyms:	B99; Gtse-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC027213 sequence for NM\_013882  
 AGCAAGTTGGGGCTTGCCTCTGACTTGCCTAATTCTCCCGTCCCCTTGCTTCTGCAGCGAACTCCGTGG  
 AAGGAGGAGACGGCCGCGACGTGCCTTCGGCCAACCAGGGGGAGAGAGAGGTGAAGATGGATGCTGGTAG  
 TAAAAAGAAGACTTTCTTCTTTTGAAGATGAAAAATTTGACTTCGATCTTTCTTGTCTTCTCAAGC  
 ACAAATGAAGATGACGAAGTCTTTTTGGGCTGTTGGACATAAAGAAAGATGCATTGCTGCCAGTTGG  
 ACTTAAACCGCCGGTTCCTGGGCAGCCTTTCGCCCGGGCTCTGGTAGCCCTTGACCTTGAGCCCTCT  
 CGAAGAGAGGTGGCCAGGCTGCCACGCCAAAATCCTGTGAACCAGGGCAAGGAAACGTTTGTGCAGG  
 ACTCACAGTTAAAAGTAAGCCTCTTTGAGAAAAGACAGAAGAGAGACAGAAGTCCCATGTCACTTAAAAG  
 AGAGACATTCTGCCTGCCATCCCGAGGGTGCAACCGCCCATGGGGGAGCCCGAGCTCTGGCTTCTCCA  
 GGCCTGCTCAGCTCCCCTGTCTCAGCAGGCCCTGCTCAGACCCAGAGCAACCAGGGTCTGCCCTGTCTCT  
 CTCAGCCGTTGCCAAGAGAATCAAGTACCTCCAGCCTCAAAGTCAGGCTGGGCCTAAAAGAGGATCAC  
 CAGCAAGTCCAGCCACCCCGGGCTTTGCCTGTGAGAGGAAGAAACCTTACCTGGCTACAGAGAAGCTC  
 AAAAAAGAGGTGCCAGCCAGCCTTCAAGGACGAAACTCATGAATGAAAAGGGATCCAGAGTGACGTGC  
 TCCAGGACAAACCCAGCAGCTCCAGATGCTGCCGGTCGAGAAGGCCACCCAGGCAAGCGGTCACTCCC  
 CATTCTGGCAAGTTGGGGCTAAAGAAGACCCTGTTAAAGCCACCTGGCTATACTGGCAATCTACAAGG  
 AAGTCTCTACCTCAGGGTCTGCTTCAAGCCTCGAGTCTGGTGTCTACAGGTCTTCAAGTACAGGCAAGG  
 CAAAGTCCAGTGAACAACGTTCAAGTATTCTGTAGCGGCTCCAGCGTCCGACGAGTACCAGCAAGTC  
 AGGCAGAAATAGGACCCGCGCGTACGCCAGGCTTTGCCAGCAGCCCCTGCCAGGGTTTTTGGCAGACAA  
 GCCAATAAGGCTGATGCTGCCAGACAGTGGCTGAGCAGCCCAAGGTCCCAACCTGATTCTCTCACCC  
 AACACCCAGACTCCAGAGCAAAGAGGACCAAGGCTGGACCCGACACCCGAGACACCTCAGTTGAATAA  
 AACGGTCAGCATAAAACGACGGGACTCCTATCTGAGCTGCAAGACAGAGGCCGTGTACACACAAGAAC  
 CCATTTAAAGTGCCCCAGTTTTCTGTTGGCGAGTCACTGGAGGAGTAACCCCAAAGTTCTCACGGACAC  
 ATCGGTCAGTCTGGACACCAGCAAGCAGGGTGGTCAGCAGCACTCCTGTGAGACGCTCATCAGGGAC  
 TACTCCACAAGGCTGCCCGGCAGTATGAGGACCCTCTGAGCACAAGACGGATGTCAGTGTGCCCTACA  
 CCTGCCAGTCGGCGTCTCTCCAGCCTTCCATTAATGGCACCTCAGTCCATGCCAGGGCTCTGGTGTCCC  
 CACTGTGTGTGCTGCCCGGCGACTCTCATCTGAGCCCAGGAGAAGATCTACAGTACAGAGCAGAGCTGAC  
 GCAGGAGAGCAGCGGCAGCGCAGTGGTGGCAGGCCAGGGCTGTCTCAGATGAGAGCTTCTCCCT  
 CCATCCTCCGTGCCTCAAGCACTAACTTTTCTCCAGAGAAGAGTGCCTCCCTCCTCCCAAGGCTCCT  
 CCACAGGAGCAGCTCAGGGTGAAGCAGAGCCTCCTGAAGACACGCTGCCAGTGAAGTGCATGGAGGTGG  
 TTGCAGCCACACGCCATCTGAGGGTCTTCTCCTGGACCTCAAGCTGGACCAGCTACCATACCCCTGAA  
 GCAGGAGCAGAGACCTGGCCGACTGCCCTCTCATCGACTTCAGCAACACCCCTGAGTCAACACGGCCT  
 TGGGGCTAGCAGCTGGCCCTGATTGACCTCATAATGAACACTCCAGACATGGGTAGAAATGATGTGGG  
 GAAGCCTGCAAAGGCTGAGCTGGGCCAGCTGATCGACCTGGGCTCCCACTGATCCAGCTGAGCCCTGAG  
 GCTGACAAAGAGAACGTGGACTCACCGTCTCAAGTTCTGAGCAGCGCACAGCCCTCTGCTGTTGATTC  
 TGTTTTCTTCTGATGTGGCCTTAGACCTGGAGAAAACAAATTTTAGAAGGAATTGATTTGACAGGGGGAG  
 CCCTTTACTGCTCGTGTCTGAGTGGTGGGTCCTTATGAACCTAAGCCTCCACCTCTGTGGCTGC  
 CCTGATCCCTGCCTTTCATCAGGCTGAAACACAGCTCTCTAGAAAATTGTTTTGATTCTTTTGTATGTAA  
 AATAGCAAATGACTGTACACTTAAATTTGTTTAAAAATTAATATTCTAGATTTAAATTAATTAATAAG  
 CTTATTAAGCATGCTTGGAGTTTACACTTGAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_013882

**Insert Size:** 2226 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).

<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>	<u><a href="#">BC027213</a></u> , <u><a href="#">AAH27213</a></u>
<b>RefSeq Size:</b>	2706 bp
<b>RefSeq ORF:</b>	2226 bp
<b>Locus ID:</b>	29870
<b>UniProt ID:</b>	<u><a href="#">Q8R080</a></u>
<b>Cytogenetics:</b>	15 40.42 cM
<b>Gene Summary:</b>	<p>May be involved in p53-induced cell cycle arrest in G2/M phase by interfering with microtubule rearrangements that are required to enter mitosis. Overexpression delays G2/M phase progression.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains different sequence for its 5' UTR, compared to variant 1. Both variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>