

## Product datasheet for **SC123170**

### **GTSF1 (NM\_144594) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GTSF1 (NM_144594) Human Untagged Clone
Tag:	Tag Free
Symbol:	GTSF1
Synonyms:	Cue110; FAM112B
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_144594 edited AGCGGAGGGGTGTGCCACCGAGCACTTGGATTTCAGCTTCTTCATTTCCAACATGGAAGA AACTTACACCGACTCCCTGGACCCTGAGAAGCTATTGCAATGCCCTATGACAAAAACCA TCAAATCAGGGCTTGCAGGTTTCCTTATCATCTTATCAAGTGCAGAAAGAATCATCCTGA TGTTGCAAGCAAATTGGCTACTTGTCCCTTCAATGCTCGCCACCAAGTTCCCTCGAGCTGA AATTAGTCATCATATCTCAAGCTGTGATGACAGAAGTTGTATTGAGCAAGATGTTGTCAA CCAAACCAGGAGCCTTAGACAAGAGACTCTGGCTGAGAGCACTTGGCAGTGCCCTCCTTG CGATGAAGACTGGGATAAAGATTTGTGGGAGCAGACCAGCACCCCATTTGCCTGGGGCAC AACTCACTACTCTGACAACAACAGCCCTGCGAGCAACATAGTTACAGAACATAAGAATAA CCTGGCTTCAGGCATGCGAGTTCCCAAATCTCTGCCGTATGTTCTGCCATGGAAAAACAA TGGAAATGCACAGTAACTGAATACCTATCTCATCAAATGCCAGACCCTAGAAGACTGTTG CTTCTTCTTCTACCAGTGGGTTCTCATTTTCTCCTAATCTAATTATAGAATAGTAAACT CCCTGTGACTTTCCAAACTGACAAGCACACTTTTTTCTCCCCCTTGAATCCTCATTTA ATGCAAGAACCCTCATACTCAGAAGCTTCCAAATAAACCTTTGATACAGAAAAAAAAAAAA AAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_144594 unedited CGTTAACATTTGTATACGACTCCTATAGGCGGCCGATAACTTCGTATAGCATACATTAT ACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGGGGTGT GTCCACCGAGCACTTGGATTTCAGTTCTTCATTTCCAACATGGAAGAACTTACACCGAC TCCCTGGACCCCTGAGAAGCTATTGCAATGCCCTATGACAAAAACCATCAAATCAGGGCT TGCAGGTTTCCTTATCATCTTATCAAGTGCAGAAAGAATCATCCTGATGTTGCAAGCAAA TTGGCTACTTGTCCCTTCAATGCTCGCCACCAGTTTCTCGAGCTGAAATTAGTCATCAT ATCTCAAGCTGTGATGACAGAAGTTGTATTGAGCAAGATGTTGCAACCAACCAGGAGC CTTAGACAAGAGACTCTGGCTGAGAGCACTTGGCAGTGCCTCCTTGCGATGAAGACTGG GATAAAGATTTGTGGGAGCAGACCAGCCCCATTTGCCTGGGGCACAACACTCACTACTCT GACAACAACAGCCCTGCGAGCAACATAGTTACAGAACATAAGAATAACCTGGCTTCAGGC ATGCGAGTTCCTCAATCTCTGCCGTATGTTCTGCCATGGAAAAACAATGGAAATGCACAG TAACTGAATACCTATCTCATCAAATGCCAGACCCTAGAAGACTGTTGCTTCTTCTCTAC CAGTGGGTTCTCATTTTCTCCTAATCTATTATAGAATAGTAACTCCCTGTGACTTTCC AACTAGACAGCACACTTTTTTGCCTCCCCTTTGATCCTCATTTAAATGCAGAACCCTC ATACTCAGAAGCTTCAAATAAACCTTTGATACAGAAAAAAAAAAAAAAAAACTCTCCAGCGC TAGATCCAGGCCATAGGGCTGATCCNTCNAGGGGGGGCCAGTACCGAATCAA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_144594
<b>Insert Size:</b>	785 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_144594.1</a> , <a href="#">NP_653195.1</a>
<b>RefSeq Size:</b>	785 bp
<b>RefSeq ORF:</b>	504 bp
<b>Locus ID:</b>	121355
<b>UniProt ID:</b>	<a href="#">Q8WW33</a>
<b>Cytogenetics:</b>	12q13.13
<b>Gene Summary:</b>	Required for spermatogenesis and is involved in the suppression of retrotransposon transcription in male germ cells.[UniProtKB/Swiss-Prot Function]