

Product datasheet for **MC211493**

Gtsf1 (NM_028797) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gtsf1 (NM_028797) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gtsf1
Synonyms: 1700006H03Rik; Cue110
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211493 representing NM_028797
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAGACACTTACATCGACTCCCTGGACCCTGAAAAGTTATTACAGTGCCCTATGATAAAAATCACC
AGATCAGGGCCTGCAGGTTTCCTTATCATCTTATCAAGTGCAGAAAGAATCATCCTGATGTCGCAAACAA
ATTGGCTACTTGTCCCTCAATGCTCGGCATCAGGTTCCCGGGCTGAGATCAGTCATCACATCTCGAGC
TGTGATGACAAGAGCTGTATTGAGCAGGATGTGGTCAACCAAACAGGAACCTTGGACAAGAGACTCTGG
CTGAGAGCACATGGCAGTGCCCTCCTTGTGATGAAGACTGGGATAAAGATTTGTGGGAACAGACTAGCAC
CCCATTTGTCTGGGGCACAGCCAGTTTCTGTGGCAACAACAGTCTGCAAATAACATAGTTATGGAACAT
AAGAGTAACCTTGCTTCAGGCATGCGAGTTCCTCAAGTCTCTGCCATGTTTTGCCATGGAAAAACAATG
GAAATGCACAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028797
Insert Size: 504 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).



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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_028797.1</u> , <u>NP_083073.1</u>
RefSeq Size:	740 bp
RefSeq ORF:	504 bp
Locus ID:	74174
UniProt ID:	<u>Q9DAN6</u>
Cytogenetics:	15 F3
Gene Summary:	Required for spermatogenesis and is involved in the suppression of retrotransposon transcription in male germ cells.[UniProtKB/Swiss-Prot Function]