

Product datasheet for **MG218017**

Gtsf1 (NM_028797) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gtsf1 (NM_028797) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Gtsf1
Synonyms: 1700006H03Rik; Cue110
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG218017 representing NM_028797
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGACACTTACATCGACTCCCTGGACCCTGAAAAGTTATTACAGTGCCCTATGATAAAAATCACC
 AGATCAGGGCCTGCAGGTTTCCTTATCATCTTATCAAGTGCAGAAAGAATCATCCTGATGTCGAAACAA
 ATTGGCTACTTGTCCCTCAATGCTCGGCATCAGGTTCCCGGGCTGAGATCAGTCATCACATCTCGAGC
 TGTGATGACAAGAGCTGTATTGAGCAGGATGTGGTCAACCAACCAGGAACCTTGGACAAGAGACTCTGG
 CTGAGAGCACATGGCAGTGCCCTCCTTGTGATGAAGACTGGGATAAAGATTTGTGGGAACAGACTAGCAC
 CCCATTTGTCTGGGGCACAGCCAGTTTCTGTGGCAACAACAGTCCTGCAATAACATAGTTATGGAACAT
 AAGAGTAACCTTGCTTCAGGCATGCGAGTTCCTCAAGTCTCTGCCATGTTTTGCCATGGAAAAACAATG
 GAAATGCACAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG218017 representing NM_028797
 Red=Cloning site Green=Tags(s)

MEDTYIDSLDPEKLLQCPYDKNHQIRACRFPYHLIKCRKNHPDVANKLATCPFNARHQVPRAEISHHISS
 CDDKSCIEQDVVNQTRNLGQETLAESTWQPCPDEDWDKDLWEQTSTPFVWGTASFCGNNSPANNIVMEH
 KSNLASGMRVPKSLPYVLPWKNNGNAQ

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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]