

## Product datasheet for **MG223776**

### Ctf1 (NM\_007795) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ctf1 (NM\_007795) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Ctf1  
**Synonyms:** CT-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG223776 representing NM\_007795  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCCAGAGGGAGGGAAGTCTGGAAGACCACCAGACTGACTCCTCAATCTCATTCTACCCCATTTGG  
 AGGCCAAGATCCGCCAGACACACAACCTTGCCCGCTCTGACCAAAATGCAGAACAACCTCTGGAGGA  
 ATACGTGCAGCAACAGGGAGAGCCCTTTGGGCTGCCGGGCTTCTACCACCGGGCTGCCGCTGGCCGGC  
 CTGAGTGGCCCGCTCCGAGCCATGCAGGGCTACCGGTGTCCGAGCGGCTGCGGCAGGATGCAGCCGCC  
 TGAGTGTGCTGCCCGCTGTTGGATGCCGTCCGCCGCCAGGCGGAGCTGAACCCGCGCCCGCCGCG  
 CCTGCTGCGGAGCCTGGAGGACGACGCCAGGTTCCGGCCCTGGGCGCCGCGGTGGAGACAGTGCTG  
 GCCGCGCTGGGCGCTGCAGCCCGCGGGCCCGGGCCAGAGCCCGTCACCGTCCGCCACCCCTTTCACGGCCA  
 ACAGCACTGCAGGCATCTTCTCAGCCAAGGTGCTGGGGTCCACGTGTGCGGCCTCTATGGCGAGTGGGT  
 GAGCCGCACAGAGGGCGACCTGGCCAGCTGGTCCAGGGGGCGTCGCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG223776 representing NM\_007795  
 Red=Cloning site Green=Tags(s)

MSQREGSLEDHQTSSISFLPHLEAKIRQTHNLARLLTKYAEQLLEEYVQQGPEFGLPGFSPRRLPLAG  
 LSGPAPSHAGLPVSERLRQDAAALSVLPALLDAVRRRQAEINPRAPRLLRSLDAARQVRALGAAVETVL  
 AALGAAARGPPEPVTATLFTANSTAGIFS AKVLGFHVCGLYGEWVSRTEGDLGQLVPGGVA

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Reconstitution Method:**

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:** [NM\\_007795.2](#)

**RefSeq Size:** 1345 bp

**RefSeq ORF:** 612 bp

**Locus ID:** 13019

**UniProt ID:** [Q60753](#)

**Cytogenetics:** 7 F3

**Gene Summary:** Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor. [UniProtKB/Swiss-Prot Function]