

Product datasheet for MC226215

Ctf1 (NM_001301283) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ctf1 (NM_001301283) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ctf1
Synonyms: CT-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226215 representing NM_001301283
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCACCAGACTGACTCCTCAATCTCATTCTACCCATTTGGAGGCCAAGATCCGCCAGACACACA
 ACCTTGCCCGCTCCTGACCAAATATGCAGAACAATTCTGGAGGAATACGTGCAGCAACAGGGAGAGCC
 CTTTGGGCTGCCGGCTTCTACCACCGCGGCTGCCGCTGGCCGGCTGAGTGGCCGGCTCCGAGCCAT
 GCAGGGCTACCGGTGTCGAGCGGCTGCGCAGGATGCAGCCGCCCTGAGTGTGCTGCCCGGCTGTTGG
 ATGCCGTCCGCCGCCAGGCGGAGCTGAACCCGCGCGCCCGCGCTGCTGCGGAGCCTGGAGGACGC
 AGCCCGCCAGGTTGCGGCCCTGGGCGCCGCGGTGGAGACAGTGTGCTGGCCGCTGGGCGCTGCAGCCCGC
 GGGCCCGGCCAGAGCCCGTACCGTCCGACCCCTCTTACGGCCAACAGCACTGCAGGCATCTTCTCAG
 CCAAGGTGCTGGGTTCCACGTGTGCGGCTCTATGGCGAGTGGGTGAGCCGCACAGAGGGCGACCTGG
 CCAGCTGGTGCCAGGGGGCGTCGCTGA

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001301283
Insert Size: 588 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).



[View online »](#)

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001301283.1</u> , <u>NP_001288212.1</u>
RefSeq Size:	1400 bp
RefSeq ORF:	588 bp
Locus ID:	13019
Cytogenetics:	7 F3
Gene Summary:	<p>Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate exon in the 5' UTR and coding region. These differences result in the use of an alternate start codon compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus compared to isoform 1.</p> <p>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>