

## Product datasheet for RN209072

### Ctf1 (NM\_017129) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ctf1 (NM_017129) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209072 representing NM_017129 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCCAGAGGGAGGGAAGTCTGGAAGACCACCAGACTGACTCCTCATTCTCATTCTACCCATTTGG  
AGGCCAAGATCCGACAGACACACAACCTTGCACGCCTCCTGACCAAAATGCAGACCAATTGCTGGAGGA  
ATATGTGCAGCAACAGGGAGAGCCCTTTGGGCTGCCGGGCTTCTCACCACCGCGGCTGCCGCTGGCCGGC  
CTGAGTGGCCCGGCTCCGAGCCACGCGGGGCTACCGGTGTCCGAGCGGCTGCGGCAGGATGCAGCCGCT  
TGAGTCTGCCCCGCTATTGGATGCTGTGCGCCGCCAGGCGGAGCTGAACCCACGCGCCCGCG  
CCTACTGCGGAGCCTGGAGGACGCTGCCCGCCAGGTTCCGGCCCTGGGCGCCGCGGTGGAGACCGTGCTG  
GCCGCTCTGGGCGCTGCAGCCCGCGGGCCCGTGCAGAGCCTGTCGCCACCTCCGCCCTTTCACCTCCA  
ACAGTGGCGCAGGCGTCTTCTCAGCTAAGGTGCTGGGGCTCCACGTGTGCGGCCTCTATGGCAGTGGGT  
GAGCCGCACCGAGGGTGACCTGGGCCAACTGGTCCAGGGGGCGTTGCC**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_017129
Insert Size:	612 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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<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>	<u><a href="#">NM_017129.1</a></u> , <u><a href="#">NP_058825.1</a></u>
<b>RefSeq Size:</b>	1398 bp
<b>RefSeq ORF:</b>	612 bp
<b>Locus ID:</b>	29201
<b>UniProt ID:</b>	<u><a href="#">Q63086</a></u>
<b>Cytogenetics:</b>	1q37
<b>Gene Summary:</b>	Interleukin-6 family cytokine with hypertrophic and protective effects in cardiac cells; also a neurotrophic factor [RGD, Feb 2006]