

## Recombinant Mouse Ctf1 Protein, His-tagged

**Cat. No.** Ctf1-1286M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ctf1 Protein (Met1-Ala203) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ala203
<b>Description</b>	Predicted to enable cytokine activity and leukemia inhibitory factor receptor binding activity. Acts upstream of or within neuron development. Predicted to be located in extracellular space. Predicted to be active in extracellular region. Is expressed in several structures, including central nervous system; embryo mesenchyme; genitourinary system; gut; and heart and pericardium. Used to study abdominal obesity-metabolic syndrome and type 2 diabetes mellitus. Human ortholog(s) of this gene implicated in dilated cardiomyopathy. Orthologous to human CTF1 (cardiotrophin 1).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.2 kDa Accurate Molecular Mass: 25 kDa
<b>Purity</b>	> 97%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ctf1 cardiotoxin 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Ctf1</a>
<b>Synonyms</b>	Ctf1; cardiotoxin 1; CT-1; cardiotoxin-1
<b>Gene ID</b>	<a href="#">13019</a>
<b>mRNA Refseq</b>	<a href="#">NM_007795</a>
<b>Protein Refseq</b>	<a href="#">NP_031821</a>
<b>UniProt ID</b>	<a href="#">Q60753</a>

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