

Recombinant Mouse Ctf1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Ctf1 Protein (Met1-Ala203) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ala203
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.2 kDa Accurate Molecular Mass: 25 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Ctf1 cardiotrophin 1 [Mus musculus (house mouse)]
Official Symbol	Ctf1
Synonyms	Ctf1; cardiotrophin 1; CT-1; cardiotrophin-1
Gene ID	13019
mRNA Refseq	NM_007795
Protein Refseq	NP_031821
UniProt ID	Q60753

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