

# Recombinant Full Length Human CTF1 Protein, GST-tagged

Cat. No. CTF1-2276HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CTF1 full-length ORF (NP_001321.1, 1 a.a. - 201 a.a.) recombinant protein with GST tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	201 amino acids
<b>Description</b>	The protein encoded by this gene is a secreted cytokine that induces cardiac myocyte hypertrophy in vitro. It has been shown to bind and activate the ILST/gp130 receptor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
<b>Molecular Mass</b>	47.6 kDa
<b>AA Sequence</b>	MSRREGSLEDPQTDSSVSLLPHLEAKIRQTHSLAHLTKYAEQLLQEYVQLQGDPFG LPSFSPRLPVAGLSAPAPSHAGLPVHERLRLDAAALAALPPLLDVCCRRAELNPR APRLLRRLEDAARQARALGAAVEALLAALGAANRGPRAEPPAATASAASATGVFPA KVLGLRVCGLYREWLSRTEGDLGQLLPGGSA
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CTF1 cardiotrophin 1 [ Homo sapiens ]
<b>Official Symbol</b>	CTF1
<b>Synonyms</b>	CTF1; cardiotrophin 1; cardiotrophin-1; CT 1; CT1; cardiophin 1; CT-1
<b>Gene ID</b>	1489
<b>mRNA Refseq</b>	NM_001142544
<b>Protein Refseq</b>	NP_001136016
<b>MIM</b>	600435
<b>UniProt ID</b>	Q16619

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