

Recombinant Full Length Human CTF1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CTF1 full-length ORF (NP_001321.1, 1 a.a. - 201 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	201 amino acids
Description	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]
Molecular Mass	47.6 kDa
AA Sequence	MSRREGSLEDPQTDSSVSLLPHLEAKIRQTHSLAHLTKYAEQLLQEYVQLQGDPFG LPSFSPRLPVAGLSAPAPSHAGLPVHERLRLDAAALAALPPLLDVCCRQAELNPR APRLRRLEDAARQARALGAAVEALLAALGAANRGPRAEPPAATASAASATGVFPA KVLGLRVCGLYREWLSRTEGDLGQLLPGGSA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CTF1 cardiotrophin 1 [Homo sapiens]
Official Symbol	CTF1
Synonyms	CTF1; cardiotrophin 1; cardiotrophin-1; CT 1; CT1; cardiophin 1; CT-1
Gene ID	1489
mRNA Refseq	NM_001142544
Protein Refseq	NP_001136016
MIM	600435
UniProt ID	Q16619

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