

CTF1 (Human) Recombinant Protein

Catalog # P8519

Size 2 x 10 ug

Specification

Product Description	Human CTF1 (Q16619) recombinant protein with His-tag at N-terminal expressed in <i>Escherichia coli</i> .
Sequence	MRGSHHHHHHGSSRREGSLEDPQTDSSVSLPHLEAKIRQTHSLAHLTKYAEQLLQEYVQLQGD PFGLPSFSPRLPVAGLSAPAPSHAGLPVHERLRDLAAALPPLDAVCRRQAELNPRAPRL LRRLEDAARQARALGAAVEALLAALGAANRGPRAEPPAATASAASATGVFPAKVLGLRVCGLYR EWLSRTEGDLGQLLPGSA.
Host	Escherichia coli
Theoretical MW (kDa)	22.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS-PAGE
Storage Buffer	CTF1 was filtered (0.4um) and lyophilized from 0.5 mg/mL in 0.05M Acetate buffer pH-4.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — CTF1

Entrez GeneID	1489
Protein Accession#	Q16619
Gene Name	CTF1

Gene Alias	CT-1, CT1
Gene Description	cardiotrophin 1
Omim ID	600435
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	cardiophin 1

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)