

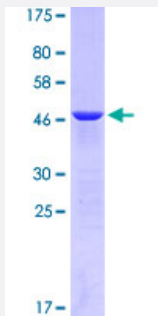
Full-Length

CTF1 (Human) Recombinant Protein (P01)

Catalog # H00001489-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CTF1 full-length ORF (NP_001321.1, 1 a.a. - 201 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MSRREGSLEDPQTDSSVSLPHLEAKIRQTHSLAHLTKYAEQLLQEYVQLQGDPFGLPSFSPPR LPVAGLSAPAPSHAGLPVHERLRDAAALAALPPLDAVCRRQAELNPAPRLLRRLEDAARQA RALGAAVEALLAALGAANRGPPRAEPPAATASAASATGVFPAKVLGLRVCGLYREWLSRTEGDLG QLLPGGSA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.6
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CTF1

Entrez GeneID [1489](#)

GeneBank Accession# [NM_001330.2](#)

Protein Accession# [NP_001321.1](#)

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](#)