

CTF1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14905b**Specification**

CTF1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q16619](#)

CTF1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1489

Other Names

Cardiotrophin-1, CT-1, CTF1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CTF1 Antibody (C-term) Blocking Peptide - Protein Information

Name CTF1

Function

Induces cardiac myocyte hypertrophy in vitro. Binds to and activates the ILST/gp130 receptor.

Cellular Location

Secreted.

Tissue Location

Highly expressed in heart, skeletal muscle, prostate and ovary. Lower levels in lung, kidney, pancreas, thymus, testis and small intestine. Little or no expression in brain, placenta, liver, spleen, colon or peripheral blood leukocytes

CTF1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CTF1 Antibody (C-term) Blocking Peptide - Images

CTF1 Antibody (C-term) Blocking Peptide - Background

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.

CTF1 Antibody (C-term) Blocking Peptide - References

Robador, P.A., et al. J. Hypertens. (2010) In press :Bailey, S.D., et al. Diabetes Care (2010) In press :Limongelli, G., et al. Cytokine 50(3):245-247(2010)Zimmerman, R.S., et al. Genet. Med. 12(5):268-278(2010)Fritzenwanger, M., et al. Mediators Inflamm. 2009, 489802 (2009) :