

## Recombinant Human Cardiotrophin-1

<b>CATALOG #:</b>	4011-10	10 µg
	4011-50	50 µg
	4011-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of Cardiotrophin	
<b>MOL. WEIGHT:</b>	22.5 kDa	
<b>FORM:</b>	Sterile filtered and then lyophilized without additives	

### RECONSTITUTION:

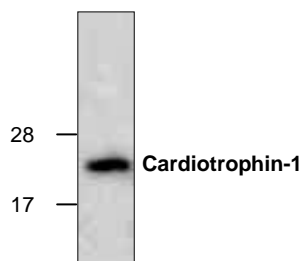
Centrifuge the vial prior to opening. Reconstitute in 20 mM Tris, pH 8.0 to a concentration of ≤1.0 mg/ml. The solution can be diluted into other aqueous buffers and store at 4°C for 1 week or -20°C for future use.

### STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted Cardiotrophin-1 should be stored at working aliquots at -20°C.

### DESCRIPTION:

Human Cardiotrophin-1 (CT-1) is a member of the leukemia inhibitory/ciliary neurotrophic factor/Oncostatin M/interleukin-6/interleukin-11 family of cytokines. Cardiotrophin-1 affects cells through interaction with the gp 130 receptor subunit. Recombinant human Cardiotrophin-1 is a 22.5 kDa protein containing 200 amino acid residues.



### Cat. #: 4011-10

The purity of recombinant human Cardiotrophin-1 (2 µg) was analyzed by SDS-PAGE.

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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**FOR RESEARCH USE ONLY! Not to be used on humans.**