

Recombinant Human Cardiotrophin-1

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

RECONSTITUTION:

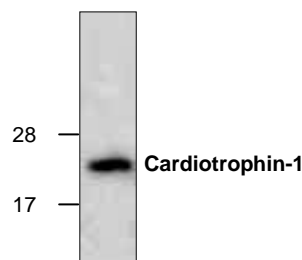
Centrifuge the vial prior to opening. Reconstitute in 20 mM Tris, pH 8.0 to a concentration of ≤1.0 mg/ml. The solution can be diluted into other aqueous buffers and store at 4°C for 1 week or -20°C for future use.

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.



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

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