10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Cardiotrophin-1, human recombinant protein

CT1
Catalog # PBV10044r

Specification

Cardiotrophin-1, human recombinant protein - Product info

Primary Accession	Q16619
Calculated MW	**22.5 kDa KDa**

Cardiotrophin-1, human recombinant protein - Additional Info

Gene ID	**1489**
Gene Symbol	**CTF1**

Other Names
Cardiotrophin-1, CDF-1, Short name=CT-1

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**

Target/Specificity
Cardiotrophin-1

Application Notes
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.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and then lyophilized in 1 x PBS

Cardiotrophin-1, human recombinant protein - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cardiotrophin-1, human recombinant protein - Images

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Cardiotrophin-1, human recombinant protein - Background

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

Cardiotrophin-1, human recombinant protein - References

Pennica D.,et al.Cytokine 8:183-189(1996).
Martin J.,et al.Nature 432:988-994(2004).