

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 Cytometry](#)
- [Cell Culture](#)

Cardiotrophin-1, human recombinant protein - Images

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).