

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).