

**CLCF1, 28-225aa, Human, His tag, E.coli**

**Cat.NO.: TP01636**

3th Edition

**Synonyms:**Cardiotrophin-like cytokine factor 1, BSF-3, BSF3, CISS2, CLC, NNT-1, NNT1, NR6.

**Description:**CLCF1, also known as cardiotrophin-like cytokine factor 1, belongs to the interleukin 6 family of cytokines, which are involved in cell signaling through phosphorylation of gp130. CLCF1 has a sequence of 225-amino acids with a 27-aa signal peptide, a molecular mass of 22 kDa in mature form, and the highest homology to cardiotrophin-1 and ciliary neurotrophic factor.

**Form:**Liquid. 20mM sodium citrate (pH 3.5), 0.4M Urea, 10% glycerol

**Molecular Weight:**24.6 kDa (219aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMLNRTGDPGPGPSIQKTYDLTRYLEHQLRSLAGTYLNYLGPPFNEPDFNPPRLGA  
ETLPRATVDLEVWRSNDKLRLTQNYEAYSHLLCYLRGLNRQAATAELRRSLAHFCTSLQGLLGSIAGVMAALGYP  
LPQPLPGTEPTWTPGPAHSDFLQKMDDFWLLKELQTWLWRSKDFNRLKKKMQPPAAAVTLHLGAHGF

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.