

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.