

Bioactive

## CLCF1 (Human) Recombinant Protein

Catalog # P6379

Size 100 ug

### Specification

Product Description	Human CLCF1 (Q9UBD9) recombinant protein expressed in <i>E. Coli</i> .
Sequence	MLNRTGDPGPGPSIQKTYDLTRYLEHQLRSLAGTYLNYLGPPFNEPDFNPPRLGAETLPRATVDLE VWRS�NDKLRLTQNYEAYSHLLCYLRGLNRQAATAELRRSLAHFCTSLQGLLGSIAGVMAALGYPL PQPLPGTEPTWTPGPAHSDFLQKMDDFWLLKELQTWLWRSKDFNRLKKKMQPPAAAVTLHL GAHGF
Host	Escherichia coli
Theoretical MW (kDa)	22
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	NT-1 weakly supports chick E8 DRG neurite outgrowth at a concentration of 1 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot
- Functional Study

## Gene Info — CLCF1

**Entrez GeneID** [23529](#)**Protein Accession#** [Q9UBD9](#)**Gene Name** CLCF1**Gene Alias** BSF3, CISS2, CLC, NNT1, NR6**Gene Description** cardiotrophin-like cytokine factor 1**Omim ID** [607672 610313](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** CLCF1 belongs to the interleukin-6 (IL6; MIM 147620) family of cytokines, which are involved in cell signaling through phosphorylation of gp130 (IL6ST; MIM 600694). IL6 family members share similarity in gene structure and have a 4-helix bundle in their protein structure.[supplied by OMIM]

**Other Designations** B-cell stimulating factor 3|CRLF1 associated cytokine-like factor 1|cold-induced sweating syndrome 2|neurotrophin-1/B-cell stimulating factor-3

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)