

Bioactive

CLCF1 (Human) Recombinant Protein

Catalog # P8506

Size 20 ug

Specification

Product Description	Human CLCF1 (Q9UBD9) recombinant protein expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	22.7
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98% by HPLC and SDS PAGE
Activity	The ED ₅₀ as determined by the dose-dependant stimulation of TF-1 cells is > 2 ng/mL, corresponding to a Specific Activity of 500,000 IU/mg.
Storage Buffer	Lyophilized from a concentrated (1mg/mL) solution in water containing 5mM sodium Phosphate buffer pH=7.5 and 5mM sodium chloride.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- Functional Study
- SDS-PAGE

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](#)