CLCF1 (Human) Recombinant Protein

Catalog # P8505 Size 20 ug

Specification

Product Description	Human CLCF1 (Q9UBD9, 28 a.a. - 225 a.a) partial-length recombinant protein with His-tag at N-terminal expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMLNRTGDPGPGPSIQKTYDLTRYLEHQLRSLAGTYLNYLGPPFNEPDFNPPRLGAETLPRATVDLEVWRSLNDKLRLTQNYEAYSHLLCYLRGLNRQAATAELRRSLAHFCTSLQGLLGSIAGVMAALGYPLPQPLPGTEPTWTPGPAHSDFLQKMDDFWLLKELQTWLWRSAKDFNRLKKKMQPPAAAVTLHLGAHGF.
Host	Escherichia coli
Theoretical MW (kDa)	24.6
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90% by SDS-PAGE
Storage Buffer	CLCF1 protein solution (1mg/mL) containing 20mM sodium citrate (pH 3.5), 0.4M Urea and 10% glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — CLCF1

Entrez GeneID	23529
Protein Accession#	Q9UBD9

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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 c ell signaling through phosphorylation of gp130 (IL6ST; MIM 600694). IL6 family members share si milarity 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 syndro me 2|neurotrophin-1/B-cell stimulating factor-3

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

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