

Recombinant Human CLIC1 Protein, His-tagged

Cat. No. CLIC1-620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLIC1(Lys79~Lys241) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys79~Lys241
Description	Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 1 is a member of the p64 family; the protein localizes principally to the cell nucleus and exhibits both nuclear and plasma membrane chloride ion channel activity.
Form	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	21.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CLIC1 chloride intracellular channel 1 [Homo sapiens]
Official Symbol	CLIC1
Synonyms	CLIC1; chloride intracellular channel 1; chloride intracellular channel protein 1; NCC27; p64CLCP; hRNCC; RNCC protein; chloride channel ABP; nuclear chloride ion channel 27; nuclear chloride ion channel protein; regulatory nuclear chloride ion channel protein; G6;
Gene ID	1192
mRNA Refseq	NM_001288
Protein Refseq	NP_001279

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MIM	602872
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UniProt ID	O00299
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