Recombinant Human CLIC1, GST-tagged

Cat. No. CLIC1-11324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLIC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-241a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CLIC1 chloride intracellular channel 1 [Homo sapiens]

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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
MIM	602872
UniProt ID	O00299
Chromosome Location	6p21.3
Function	chloride channel activity; protein binding; voltage-gated chloride channel activity; voltage-gated ion channel activity;

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