

Recombinant Full Length Human CLIC1 Protein, GST-tagged

Cat. No. CLIC1-2175HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CLIC1 full-length ORF (AAH64527.1, 1 a.a. - 241 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	241 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	52.25 kDa
AA Sequence	MAEEQPQVELFVKAGSDGAKIGNCPFSQRLFMVLWLKGVTFNVTTVDTKRRTETVQ KLCPPGGQLPFLLYGTEVHTDTNKIEEFLEAVLCPPRYPKLAALNPESNTAGLDIFAKF SAYIKNSSPALNDNLEKGLLKALKVLDNYLTSPLPEEVDETSAEDEGVSRKFLDGN ELTLADCNLLPKLHIVQVCKKYRGFTIPEAFRGVHRYLSNAYAREEFACPDDEEI ELAYEQVAKALK
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

MIM [602872](#)

UniProt ID [O00299](#)

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