Recombinant Human CLIC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLIC1-5937H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLIC1 MS Standard C13 and N15-labeled recombinant protein (NP_001279) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	26.7 kDa
AA Sequence	MAEEQPQVELFVKAGSDGAKIGNCPFSQRLFMVLWLKGVTFNVTTVDTKRRTETVQ KLCPGGQLPFLLYGTEVHTDTNKIEEFLEAVLCPPRYPKLAALNPESNTAGLDIFAKF SAYIKNSNPALNDNLEKGLLKALKVLDNYLTSPLPEEVDETSAEDEGVSQRKFLDGN ELTLADCNLLPKLHIVQVVCKKYRGFTIPEAFRGVHRYLSNAYAREEFASTCPDDEEI ELAYEQVAKALKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

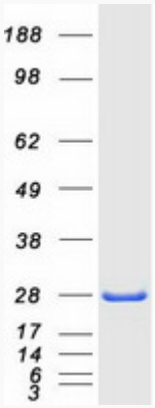
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CLIC1 chloride intracellular channel 1 [Homo sapiens (human)]
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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SDS-PAGE	

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