

Recombinant Human CLIC2

Cat. No. CLIC2-27817TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CLIC2 produced in <i>Saccharomyces cerevisiae</i> ; 247 amino acids, MWt 28.3 kDa. 25 kDa proprietary tag is attached.
Species	Human
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 2 is a member of the p64 family; the protein is detected in fetal liver and adult skeletal muscle tissue. This gene maps to the candidate region on chromosome X for incontinentia pigmenti.
Tissue specificity	Detected in adult brain, heart, liver, lung, spleen, stomach and testis. Expressed in fetal liver and adult skeletal muscle.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino	MSGLRPGTQVDPEIELFVKAGSDGESIGNCPFCQRLFMIL WLKGVKFNVTVDMTR

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acids KPEELKDLAPGTNPPFLVYNKE LKTDFIKIEEFLEQTLAPPRYPHLSPKYKESFDVGC
 NLFKFSAYIKNTQKEANKNFEKSLLEKFKRLDDYLNTPLLD EIDPDSAEPPVSRRL
 FLDGDQLTLADCSLLPKLNIIK VAAKKYRDFDIPAEFSGVWRYLHNAYAREEFHTTCP
 EDKEIENTYANVAKQKS

Sequence Similarities Belongs to the chloride channel CLIC family. Contains 1 GST C-terminal domain.

Full Length Full L.

GENE INFORMATION

Gene Name [CLIC2 chloride intracellular channel 2 \[Homo sapiens \]](#)

Official Symbol [CLIC2](#)

Synonyms CLIC2; chloride intracellular channel 2; chloride intracellular channel protein 2; XAP121;

Gene ID [1193](#)

mRNA Refseq [NM_001289](#)

Protein Refseq [NP_001280](#)

MIM [300138](#)

Uniprot ID [O15247](#)

Chromosome Location Xq28

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Function

chloride channel activity; voltage-gated chloride channel activity; voltage-gated ion channel activity;

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