

Recombinant Human CLIC2, His-tagged

Cat. No. CLIC2-27815TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CLIC2 with an N terminal His tag; 267 amino acids with tag, Predicted MWt 30.5 kDa.
Species	Human
Source	E.coli
ProteinLength	247 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 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.
Conjugation	HIS
Molecular Weight	30.500kDa inclusive of tags
Tissue specificity	Detected in adult brain, heart, liver, lung, spleen, stomach and testis. Expressed in fetal liver and adult skeletal muscle.
Form	Liquid

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Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMSGRLPGTQVDPEIELFVKAGSDGESIGNCPFCQRLFMILWLKGVKFNVTTVDMTRKPEELKDLAPGTNPPFLVYNKELKTDFIKIEEFLEQTLAPPRYPHLSPKYKESFDVGCNLFKFSAYIKNTQKEANKNFEKSLLKEFKRLDDYLNTPLLDEIDPDSAEPPVSRRLFLDGDQLTLADCSLLPKLNIIKVAACKYRDFDIPAEFSGVWRYLHNAYAREEFTHTCPEDKEIENTYANVAKQKS
Sequence Similarities	Belongs to the chloride channel CLIC family. Contains 1 GST C-terminal domain.

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

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MIM	300138
Uniprot ID	O15247
Chromosome Location	Xq28
Function	chloride channel activity; voltage-gated chloride channel activity; voltage-gated ion channel activity;

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