9051 Mira Mesa Blvd, #910094
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CLIC2 Human

Chloride Intracellular Channel 2 Human Recombinant
RCP0458

Product Overview

Name	CLIC2 Human
Description	
Chloride Intracellular Channel 2 Human Recombinant	
Accession (Primary)	O15247
Synonyms	
Chloride intracellular channel protein 2, XAP121, CLIC2, CLIC2b, XAP121.	
Introduction	
Chloride intracellular channel protein 2 (CLIC2) regulates cellular traffic of chloride ions, which is a critical component of all living cells. CLIC2 is involved in membrane potential stabilization, signal transduction, cell volume regulation and organic solute transport. CLIC2 is identified in the fetal liver and adult skeletal muscle tissue. CLIC2 is a likely candidate for one of the many diseases linked to Xq28.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CLIC2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol 0.1M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSGLRPGTQV DPEIELFVKA GSDGESIGNC PFCQRLFMIL WLKGVKFNVT TVDMTRKPEE LKDLAPGTNP PFLVYNKELK TDFIKIEEFL EQTLAPPRYP HLSPKYKESF DVGCNLFAKF SAYIKNTQKE ANKNFEKSLL KEFKRLDDYL NTPLLDEIDP DSAEEPPVSR RLFLDGDQLT LADCSLLPKL NIIKVAAKKY RDFDIPAEFS GVWRYLHNAY AREEFTHTCP EDKEIENTYA NVAKQKS.	
Precautions	

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CLIC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O15247)