9051 Mira Mesa Blvd, #910094
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CLIC4 Human

Chloride Intracellular Channel 4 Human Recombinant
RCP0459

Product Overview

Name	CLIC4 Human
Description	
Chloride Intracellular Channel 4 Human Recombinant	
Accession (Primary)	Q9Y696
Synonyms	
Chloride intracellular channel protein 4, Intracellular chloride ion channel protein p64H1, CLIC4, H1, huH1, p64H1, CLIC4L, MTCLIC, FLJ38640, DKFZp566G223.	
Introduction	
Chloride intracellular channel 4 (CLIC4) belongs to the p64 family; CLIC4 is expressed in various tissues and exhibits an intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells). CLIC4 is a 253 amino acid single-pass membrane protein which localizes to both the nucleus and the cytoplasm and contains one GST C-terminal domain. CLIC4 acts as a monomer which is able to form selective ion channels in target proteins, thus facilitating the transport of chloride and other ions. CLIC4 is believed to have a role in apoptosis and is able to translocate to the nucleus under stress conditions.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CLIC4 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.	
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 MALSMPLNGL KEEDKEPLIE LFVKAGSDGE SIGNCPFSQR LFMILWLKGV VFSVTTVDLK RKPADLQNLA PGTHPPFITF NSEVKTDVNK IEEFLEEVLC PPKYLKLSPK HPESNTAGMD	

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IFAKFSAYIK NSRPEANEAL ERGLLKTLQK LDEYLNSPLP DEIDENSMED IKFSTRKFLD GNEMTLADCN LLPKLHIVKV VAKKYRNFDI PKEMTGIWRY LTNAYSRDEF TNTCPSDKEV EIAYSDVAKR LTK.

Precautions

CLIC4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y696)