

Datasheet for ABIN7319285 **CLIC4 Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	CLIC4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLIC4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CLIC4 Protein (His Tag)
Sequence:	Met 1-Lys253
Characteristics:	Recombinant Human Chloride Intracellular Channel Protein 4 is produced by our E.coli expression system and the target gene encoding Met1-Lys253 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CLIC4
Alternative Name:	CLIC4 (CLIC4 Products)
Background:	Background: Chloride Intracellular Channel Protein 4 (CLIC4) is a 253 amino acid single-pass membrane protein that localizes to both the nucleus and the cytoplasm and contains one GST

Target Details

C-terminal domain. CLIC4 is expressed in various tissues and exhibits an intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells). 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. CLIC4 has alternate cellular functions like a potential role in angiogenesis or in maintaining apical-basolateral membrane polarity during mitosis and cytokinesis.

Synonym: CLIC4L,H1,huH1,MTCLIC,p64H1

Molecular Weight: 30.9 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 1 mM DTT, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.