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Datasheet for ABIN7318306 CLIC1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CLIC1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLIC1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CLIC1 Protein (His Tag)
Sequence:	Met 1-Lys241
Characteristics:	Recombinant Human Chloride Intracellular Channel Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Lys241 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CLIC1
Alternative Name:	CLIC1 (CLIC1 Products)
Background:	Background: Chloride Intracellular Channel Protein 1 (CLIC1) belongs to the Chloride Channel CLIC family and contains one GST C-terminal domain. CLIC1 can be expressed in various cell

Target Details

types, but it is especially prominent in the heart, placenta, liver, kidney, and pancreas. CLIC1 can insert into membranes and form chloride ion channels. The channel activity depends on the pH. CLIC1 membrane insertion seems to be redox-regulated and may occur only under oxidizing conditions. CLIC1 is also involved in the regulation of the cell cycle.

Synonym: Chloride Intracellular Channel Protein 1, Chloride Channel ABP, Nuclear Chloride Ion Channel 27, NCC27, Regulatory Nuclear Chloride Ion Channel Protein, hRNCC, CLIC1, G6, NCC27

Molecular Weight: 29.0 kDa

UniProt: [O00299](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.