

[Go to Product page](#)

Datasheet for ABIN7318307 CLIC2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CLIC2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLIC2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CLIC2 Protein (His Tag)
Sequence:	Met 1-Ser247
Characteristics:	Recombinant Human Chloride Intracellular Channel Protein 2 is produced by our E.coli expression system and the target gene encoding Met1-Ser247 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:	CLIC2
Alternative Name:	CLIC2 (CLIC2 Products)
Background:	Background: Chloride Intracellular Channel Protein 2 (CLIC2) is a critical component of all living cells, it regulates cellular traffic of Chloride ion and it can be inserted into membranes and form

Target Details

chloride ion channels. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions, channel activity depends on the pH . CLIC2 is involved in regulating membrane potential and organic solute transport. CLIC2 modulates the activity of RYR2 and inhibits Calcium influx. CLIC2 can be detected in the adult brain, liver, lung, heart, stomach, spleen and testis. It is expressed in fetal liver and adult skeletal muscle. CLIC2 is a potential candidate for one of many diseases linked to Xq28.

Synonym: Chloride Intracellular Channel Protein 2, XAP121, CLIC2

Molecular Weight: 30.5 kDa

UniProt: [O15247](#)

Pathways: [Negative Regulation of Transporter Activity](#)

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, 20 % Glycerol, pH 8.0.

Storage: -20 °C

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