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Datasheet for ABIN7318309 CLIC5 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CLIC5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLIC5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CLIC5 Protein (His Tag)
Sequence:	Met 1-Ser251
Characteristics:	Recombinant Human Chloride Intracellular Channel Protein 5 is produced by our E.coli expression system and the target gene encoding Met1-Ser251 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:	CLIC5
Alternative Name:	CLIC5 (CLIC5 Products)
Background:	Background: Chloride Intracellular Channel Protein 5 (CLIC5) is a single-pass membrane protein which belongs to the chloride channel CLIC family. It contains one GST C-terminal domain.

Target Details

Chloride intracellular channels are involved in chloride ion transport within various subcellular compartments. CLIC5 can insert into membranes and form selective ion channels regulated by actin that may transport chloride ions. It may play a role in the regulation of transepithelial ion absorption and secretion. CLIC5 specifically associates with the cytoskeleton of placenta microvilli. CLIC5 is required for the development and/or maintenance of the proper glomerular endothelial cell and podocyte architecture.

Synonym: Chloride Intracellular Channel Protein 5, CLIC5

Molecular Weight: 30.3 kDa

UniProt: [Q9NZA1](#)

Pathways: [Sensory Perception of Sound](#)

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 PB, 150 mM NaCl, pH 7.4.

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.