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Product Information

MemDX™ Membrane Protein Human CLIC1 (Chloride intracellular channel 1) Expressed in *E.coli*, Full Length

Cat. No.: **MPX0008K**
This product is for research use only and is not intended for diagnostic use.

This product is a 35 kDa Human CLIC1 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
CLIC1

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
35 kDa

TMD
1

Sequence
MGSSHHHHHHSSGLVPRGSHMAEEQPQVELFVKAGSDGAKIGNCPFSQRLFMVLWLKGVTFNVTTVDTKRRTETVQKLCPGGQL

Product Description

Expression Systems
E.coli

Form
Liquid

Endotoxin
<0.1 EU/μg by the LAL method

Purity

> 90% SDS-PAGE

Buffer

pH: 8.00, Constituents: 0.3% Glutathione, 0.79% Tris HCl

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CLIC1

Full Name

Chloride intracellular channel 1

Introduction

Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 1 is a member of the p64 family; the protein localizes principally to the cell nucleus and exhibits both nuclear and plasma membrane chloride ion channel activity.

Alternative Names

G6; CL1C1; NCC27; CLCNL1; chloride intracellular channel protein 1; RNCC protein; chloride channel ABP; hRNCC; nuclear chloride ion channel 27; nuclear chloride ion channel protein; p64CLCP; regulatory nuclear chloride ion channel protein; CLIC1; Chloride intracellular channel 1

Gene ID

1192

UniProt ID

O00299

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