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# Product Information

## MemDX™ Membrane Protein Human CLIC4 (Chloride intracellular channel 4) Expressed in *E.coli*, Full Length

Cat. No.: **MPX0009K**
This product is for research use only and is not intended for diagnostic use.

This product is a 31 kDa Human CLIC4 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**
CLIC4

**Protein Length**
Full length

**Protein Class**
Transporter; Ion channel

**Molecular Weight**
31 kDa

**TMD**
1

**Sequence**
MGSSHHHHHHSSGLVPRGSHMALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTVDLKRKPADL

## Product Description

**Expression Systems**
*E.coli*

**Tag**
His tag at N-terminus

**Form**
Liquid

**Endotoxin**

<0.1 EU/μg by the LAL method

**Purity**

> 95 % 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**

CLIC4

**Full Name**

Chloride intracellular channel 4

**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 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family; the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells).

**Alternative Names**

H1; huH1; p64H1; CLIC4L; MTCLIC; chloride intracellular channel protein 4; chloride intracellular channel 4 like; epididymis secretory sperm binding protein; intracellular chloride ion channel protein p64H1; CLIC4; Chloride intracellular channel 4

**Gene ID**

25932

**UniProt ID**

Q9Y696