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Product Information

MemDX™ Membrane Protein Human CLIC2 (Chloride intracellular channel 2) Full Length

Cat. No.: **MPC2027K**
This product is for research use only and is not intended for diagnostic use.

This product is a 28.3 kDa Human CLIC2 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
CLIC2

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
28.3 kDa

TMD
1

Sequence
MSGLRPGTQVDPEIELFVKAGSDGESIGNCPFCQRLFMILWLKGVKFNVT
TVDMTRKPEELKDLAPGTNPPFLVYNKELKTDFIKIEEFLEQTLAPPRYP
HLSPKYKESFDVGCNLFAKFSAYIKNTQKEANKNFEKSLLKEFKRLDDYL
NTPLLDEIDPDSAEEPPVSRRLFLDGDQLTLADCSLLPKLNIIKVAAKKY
RDFDIPAEFSGVWRYLHNAYAREEFTHTCPEDKEIENTYANVAKQKS

Product Description

Expression Systems
E.coli

Tag
His tag at the N-terminus

Protein Format
Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CLIC2

Full Name

Chloride intracellular channel 2

Introduction

This gene encodes a chloride intracellular channel protein. 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. This protein plays a role in inhibiting the function of ryanodine receptor 2. A mutation in this gene is the cause of an X-linked form of cognitive disability.

Alternative Names

CLIC2; CLCNL2; CLIC2b; MRXS32; XAP121; chloride intracellular channel protein 2; Chloride intracellular channel 2

Gene ID

1193

UniProt ID

O15247

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