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Product Information

MemDX™ Membrane Protein Human CLIC4 (Chloride intracellular channel 4) for Antibody Discovery

Cat. No.: **MP1389J**
This product is for research use only and is not intended for diagnostic use.

This product is a 55.8 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
Ion Channel

Molecular Weight
55.8 kDa

TMD
1

Sequence
MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTVDLKRKPADLQNLAPGTHPPFITFNSEVKTDV

Product Description

Expression Systems
E.coli

Tag
N-GST

Form
Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol
Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

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

Chloride intracellular channel 4; Chloride intracellular channel 4 (mitochondrial); Chloride intracellular channel 4 like; Chloride intracellular channel protein 4; Clic4; CLIC4_HUMAN; CLIC4L; DKFZP566G223; FLJ38640; H1; HUH1; Intracellular chloride ion channel protein p64H1; MC3S5; mtCLIC; p64H1

Gene ID

25932

UniProt ID

Q9Y696

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