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Product Information

MemDX™ Membrane Protein Human CLIC5 (Chloride intracellular channel 5) Full Length

Cat. No.: **MPC2204K**
This product is for research use only and is not intended for diagnostic use.

This product is a 46.5 kDa Human CLIC5 membrane protein expressed in HEK293. 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
CLIC5

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
46.5 kDa

TMD
1

Sequence
MNDEDYSTIYDTIQNERTYEVPDQPEENESPHYDDVHEYLRPENDLYATQ
LNTHEYDFVSVYTIKGEETSLASVQSEDRGYLLPDEIYSELQEAHPGEPQ
EDRGISMEGLYSSTQDQQLCAAELQENGSVMKEDLPSPSSFTIQHSKAFS
TTKYSCYSDAEGLEEKEGAHMNPEIYLFVKAGIDGESIGNCPFSQRLFMI
LWLKGVVFNVTTVDLKRKPADLHNLAPGTHPPFLTFNGDVKTDVNKIEEF
LEETLTPEKYPKLAAKHRESNTAGIDIFSKFSAYIKNTKQQNNAALERGL
TKALKKLDDYLNTPLPEEIDANTCGEDKGSRRKFLDGDELTLADCNLLPK
LHVVKIVAKKYRNYDIPAEMTGLWRYLKNAYARDEFTNTCAADSEIELAY
ADVAKRLSRS

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

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

CLIC5

Full Name

Chloride intracellular channel 5

Introduction

This gene encodes a member of the chloride intracellular channel (CLIC) family of chloride ion channels. The encoded protein associates with actin-based cytoskeletal structures and may play a role in multiple processes including hair cell stereocilia formation, myoblast proliferation and glomerular podocyte and endothelial cell maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

CLIC5; MST130; DFNB102; DFNB103; MSTP130; chloride intracellular channel protein 5; Chloride intracellular channel 5

Gene ID

53405

UniProt ID

Q9NZA1