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Product Information

MemDX™ Membrane Protein Human MLC1 (Modulator of VRAC current 1) Full Length

Cat. No.: **MPC1006K**
This product is for research use only and is not intended for diagnostic use.

This product is a 41.1 kDa Human MLC1 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
MLC1

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
41.1 kDa

TMD
8

Sequence
MTQEPFREELAYDRMPTLERGRQDPASYAPDAKPSDLQLSKRLPPCFSHK
TWVFSVLMGSCLLVTSGFSLYLGNVFPAEMDYLRCAAGSCIPSAIVSFTV
SRRNANVIPNFQILFVSTFAVTTTCLIWFGCKLVLNPSAININFNLILLL
LLELLMAATVIIAARSSEEDCKKKKGSMSDSANILDEVPFPARVLKSYSV
VEVIAGISAVLGGIIALNVDDSVSGPHLSVTFFWILVACFPSAIASHVAA
ECPSKCLVEVLIAISSLTSPLLFTASGYLSFSIMRIVEMFKDYPPAIKPS
YDVLLLLLLLVLLLQAGLNTGTAIQCVRFKVSARLQGASWDTQNGPQERL
AGEVARSPLKEFDKEKAWRAVVVQMAQ

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

MLC1

Full Name

Modulator of VRAC current 1

Introduction

The function of this gene product is unknown; however, homology to other proteins suggests that it may be an integral membrane transporter. Mutations in this gene have been associated with megalencephalic leukoencephalopathy with subcortical cysts, an autosomal recessive neurological disorder. Alternatively spliced transcript variants encoding different isoforms have been identified.

Alternative Names

MLC1; VL; LVM; MLC; membrane protein MLC1; megalencephalic leukoencephalopathy with subcortical cysts 1; Modulator of VRAC current 1

Gene ID

23209

UniProt ID

Q15049

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