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Product Information

MemDX™ Membrane Protein Human KCNK12 (Potassium two pore domain channel subfamily K member 12) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2537K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human KCNK12 membrane protein expressed *in vitro E.coli* expression system. 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
KCNK12

Protein Length
Full Length

Protein Class
Ion channel, Transport

TMD
4

Sequence
MSSRSPRPPPRRSRRRLPRPSCCCCCCRRSHLNEDTGRFVLLAALIGLYLVAGATVFSALESPGEAEARARWGATLRNFSAAHGV

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

KCNK12

Full Name

Potassium two pore domain channel subfamily K member 12

Introduction

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity.

Alternative Names

KCNK12; THIK2; THIK-2; K2p12.1; potassium channel subfamily K member 12; potassium channel, subfamily K, member 12; potassium channel, two pore domain subfamily K, member 12; tandem pore domain halothane-inhibited potassium channel 2; tandem pore domain potassium channel THIK-2; Potassium two pore domain channel subfamily K member 12

Gene ID

56660

UniProt ID

Q9HB15