

Product Information

MemDX™ Membrane Protein Human KCNK7 (Potassium two pore domain channel subfamily K member 7) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2416K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human KCNK7 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

KCNK7

Protein Length

Full Length

Protein Class

Ion channel, Transport

TMD

2

Sequence

MGGLRPWSRYGLLVVAHLLALGLGAVVFQALEGPPACRLQAELRAELAAFQAEHRACLPPGALEELLGTALATQAHGVSTLGNSS

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

KCNK7

Full Name

Potassium two pore domain channel subfamily K member 7

Introduction

This gene encodes a member 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

KCNK7; TWIK3; K2p7.1; potassium channel subfamily K member 7; potassium channel, two pore domain subfamily K, member 7; two pore domain K⁺ channel; Potassium two pore domain channel subfamily K member 7

Gene ID

[10089](#)

UniProt ID

[Q9Y2U2](#)