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Product Information

MemDX™ Membrane Protein Human KCNJ14 (Potassium inwardly rectifying channel subfamily J member 14) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX1833K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human KCNJ14 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
KCNJ14

Protein Length
Full Length

Protein Class
Ion channel, Transport

TMD
2

Sequence
MGLARALRRLSGALDSGDSRAGDEEEAGPGLCRNGWAPAPVQSPVGRRRGRFVKKDGHCNVRFVNLGGQGARYLSDLFTTCVD

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

KCNJ14

Full Name

Potassium inwardly rectifying channel subfamily J member 14

Introduction

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel, and probably has a role in controlling the excitability of motor neurons.

Alternative Names

KCNJ14; IRK4; KIR2.4; ATP-sensitive inward rectifier potassium channel 14; inward rectifier K(+) channel Kir2.4; inwardly rectifying potassium channel KIR2.4; potassium channel, inwardly rectifying subfamily J member 14; potassium voltage-gated channel subfamily J member 14; Potassium inwardly rectifying channel subfamily J member 14

Gene ID

3770

UniProt ID

Q9UNX9

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