

Product Information

MemDX™ Membrane Protein Human KCNC3 (Potassium voltage-gated channel subfamily C member 3) Expressed in Wheat germ for Antibody Discovery, Partial (671-757aa)

Cat. No.: **MPX0059K**

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

This product is a 43 kDa Human KCNC3 membrane protein expressed in Wheat germ. 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

KCNC3

Protein Length

Partial (671-757aa)

Protein Class

Transporter; Ion channel

Molecular Weight

43 kDa

TMD

6

Sequence

ALAHEDCPAIDQPAMSPEDKSPITPGSRGRYSRDRACFLLTDYAPSPDGSIRKATGAPPLPPQDWRKPGPPSFLPDLNANAAAWIS

Product Description

Expression Systems

Wheat germ

Tag

GST tag at N-terminus

Protein Format

Soluble

Form

Liquid

Endotoxin

<0.1 EU/μg by the LAL method

Buffer

pH: 8.00, Constituents: 0.31% Glutathione, 0.79% Tris HCl

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**

KCNC3

Full Name

Potassium voltage-gated channel subfamily C member 3

Introduction

The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Alternate splicing results in several transcript variants.

Alternative Names

KV3.3; SCA13; KSHIID; potassium voltage-gated channel subfamily C member 3; Shaw-related voltage-gated potassium channel protein 3; potassium channel, voltage gated Shaw related subfamily C, member 3; potassium voltage-gated channel, Shaw-related subfamily, member 3; voltage-gated potassium channel protein KV3.3; voltage-gated potassium channel subunit Kv3.3; KCNC3; Potassium voltage-gated channel subfamily C member 3

Gene ID

[3748](#)

UniProt ID

[Q14003](#)