

Product Information

MemDX™ Membrane Protein Human KCNK12 (Potassium two pore domain channel subfamily K member 12) Full Length

Cat. No.: **MPC0618K**

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

This product is a 46.8 kDa Human KCNK12 membrane protein expressed in Baculovirus/Insect 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

Transporter; Ion channel

Molecular Weight

46.8 kDa

TMD

4

Sequence

MSSRSPRPPRRSRRLPRPSCCCCCRRSHLNEDTGRFVLLAALIGLYL
VAGATVFSALSPGEAEARARWGATLRNFSAAHGVAEPELRAFLRHYEAA
LAAGVRADALRPRWDFPGAFYFVGTVVSTIGFGMTTPATVGGKAFLIAYG
LFGCAGTILFFNLFLERIISLLAFIMRACRERQLRRSGLLPATFRRGSAL
SEADSLAGWKPSVYHVLLILGLFAVLLSCCASAMYTSVEGWDYVDSLYFC
FVTFSTIGFGDLVSSQHAAYRNQGLYRLGNFLFILLGVCCIYSLFNVISI
LIKQVLNWMLRKLSCRCARCCPAPGAPLARRNAITPGSRLRRRLAALGA
DPAARDSDAEGRRLSGELISMRDLTASNKVSALLQKQLSETANGYPRSV
CVNTRQNGFSGGVGALGIMNNRLAETSASR

Product Description

Expression Systems

Baculovirus/Insect expression system

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**

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

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; KCNK12; Potassium two pore domain channel subfamily K member 12

Gene ID

[56660](#)

UniProt ID

[Q9HB15](#)