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Product Information

MemDX™ Membrane Protein Human KCNK7 (Potassium two pore domain channel subfamily K member 7) Full Length

Cat. No.: **MPC0629K**
This product is for research use only and is not intended for diagnostic use.

This product is a 31.9 kDa Human KCNK7 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
KCNK7

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
31.9 kDa

TMD
4

Sequence
MGGLRPWSRYGLLVVAHLLALGLGAVVFQALEGPPACRLQAELRAELAAF
QAEHRACLPPGALEELLGTALATQAHGVSTLGNSSEGRTWDLPSALLFAA
SILTTTGYGHMAPLSPGGKAFCMVYAALGLPASLALVATLRHCLLPVLSR
PRAWVAVHWQLSPARAALLQAVALGLLVASSFVLLPALVLWGLQGDCSLL
GAVYFCFSSLSTIGLEDLLPGRGRSLHPVIYHLGQLALLGYLLLGLLAML
LAVETFSELPQVRAMGKFFRPSGPVTAEDQGGILGQDELALSTLPPAAPA
SGQAPAC

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

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

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

Gene ID

10089

UniProt ID

Q9Y2U2

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