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Product Information

MemDX™ Membrane Protein Human KCNK17 (Potassium two pore domain channel subfamily K member 17) for Antibody Discovery

Cat. No.: **MP1225J**
This product is for research use only and is not intended for diagnostic use.

This product is a 36.7 kDa Human KCNK17 membrane protein expressed in HEK293T. 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
KCNK17

Protein Length
Full-length

Protein Class
Druggable Genome, Ion Channels: Potassium, Transmembrane

Molecular Weight
36.7 kDa

TMD
4

Sequence
MYRPRARAAPEGRVRGCAVPGTVLLLLAYLAYLALGTGVFWTLEGRAAQDSSRSFQRDKWELLQNFTCLD
RPALDSLIRDVVQAYKNGASLLSNTTSMGRWELVGSFFFSVSTITTIGYGNLSPNTMAARLFCIFFALVG
IPLNLVVLNRLGHLMQQGVNHWASRLGGTWQDPDKARWLAGSGALLSGLLLFLLLPPLLFSHMEGWSYTE
GFYFAFITLSTVGFGDYVIGMNPSQRYPLWYKNMVSLWILFGMAWLALIIKLILSQLETPGRVCSCCHHS
SKEDFKSQSWRQGPDREPESHSPQQGCYPEGPMGIIQHLEPSAHAAGCGKDS

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

KCNK17

Full Name

Potassium two pore domain channel subfamily K member 17

Introduction

The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outward current under physiological K+ concentrations. This gene is activated at alkaline pH. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

K2p17.1; TALK-2; TALK2; TASK-4; TASK4; 2P domain potassium channel Talk-2; TWIK-related acid-sensitive K(+) channel 4; TWIK-related acid-sensitive K+ 4; TWIK-related alkaline pH-activated K(+) channel 2; acid-sensitive potassium channel protein TASK-4; potassium channel, two pore domain subfamily K, member 17

Gene ID

89822

UniProt ID

Q96T54

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