

Product Information

MemDX™ Membrane Protein Human KCNK6 (Potassium two pore domain channel subfamily K member 6) for Antibody Discovery

Cat. No.: **MP1241J**

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

This product is a 33.6 kDa Human KCNK6 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

KCNK6

Protein Length

Full-length

Protein Class

Druggable Genome, Ion Channels: Other, Transmembrane

Molecular Weight

33.6 kDa

TMD

4

Sequence

MRRGALLAGALAAAYAAYLVLGALLVARLEGPHEARLRAELET LRAQLLQRSPCVAAPALDAFVERVLAAG
RLGRVVLNANSGSANASDPWDFASALFFASTLITTVGYGYTTPLTDAGKAFSIAFALLGVPTTMLLLTA
SAQRLSLLTHVPLSWLSMRWGWDPRAACWHLVALLGVVTVCF LVPVIFAHLEEAWSF LDAFYFCFI
SLSTIGLG DYVPGEAPGQPYRALYKVLVTYVFLGLVAMVLVLQTFRHVSD LHGLTELILLPPPCPASFN
ADEDDRVDILGPQPESHQQLSASSHTDYASIPR

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

KCNK6

Full Name

Potassium two pore domain channel subfamily K member 6

Introduction

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. This channel protein, considered an open rectifier, is widely expressed. It is stimulated by arachidonic acid, and inhibited by internal acidification and volatile anaesthetics.

Alternative Names

K2p6.1; KCNK8; TOSS; TWIK-2; TWIK2; K2P6.1 potassium channel; TWIK-originated similarity sequence; TWIK-originated sodium similarity sequence; inward rectifying potassium channel protein TWIK-2; potassium channel, two pore domain subfamily K, member 6

Gene ID

[9424](#)

UniProt ID

[Q9Y257](#)