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Product Information

MemDX™ Membrane Protein Human KCNK5 (Potassium two pore domain channel subfamily K member 5) for Antibody Discovery

Cat. No.: **MP0593X**
This product is for research use only and is not intended for diagnostic use.

This product is a 80.63 kDa Human KCNK5 membrane protein expressed in *in vitro* wheat germ 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
KCNK5

Protein Length
Full-length

Molecular Weight
80.63 kDa

TMD
4

Sequence
MVDRGPLLTSAIIFYLAIGAAIFEVLEEPHWKEAKKNYYTQKLHLLKEFPCLGQEGLDKILEVVSDAAGQGVAITGNQTFNNWNWPNA

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Form
Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

KCNK5

Full Name

Potassium two pore domain channel subfamily K member 5

Introduction

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, sμggests it may play an important role in renal potassium transport

Alternative Names

TASK2; K2p5.1; KCNK5b; TASK-2

Gene ID

8645

UniProt ID

O95279

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