SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human PKD2L1 (Polycystin 2 like 1, transient receptor potential cation channel) for Antibody Discovery

Cat. No.: **MP1025X**
This product is for research use only and is not intended for diagnostic use.

This product is a 114.29 kDa Human PKD2L1 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
PKD2L1

Protein Length
Full-length

Molecular Weight
114.29 kDa

TMD
7

Sequence
MNAVGSPEGQELQKLGSGAWDNPAYSGPPSPHGTLRVCTISSTGPLQPQPKKPEDEPQETAYRTQVSSCCLHNCQGIRGLWGTT

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, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

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

Target

Target Protein

PKD2L1

Full Name

Polycystin 2 like 1, transient receptor potential cation channel

Introduction

This gene encodes a member of the polycystin protein family. The encoded protein contains multiple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral membrane protein involved in cell-cell/matrix interactions. This protein functions as a calcium-regulated nonselective cation channel. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

PCL; PKDL; PKD2L; TRPP3; polycystic kidney disease 2-like 1 protein; polycystin-2 homolog; polycystin-2L1; polycystin-L; polycystin-L1; transient receptor potential cation channel, subfamily P, member 3

Gene ID

9033

UniProt ID

Q9P0L9