

## Product Information

### **MemDX™ Membrane Protein Human PKD2L2 (Polycystin 2 like 2, transient receptor potential cation channel) Full Length**

Cat. No.: **MPC3529K**

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

This product is a made-to-order Human PKD2L2 membrane protein expressed in HEK293. 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

PKD2L2

##### Protein Length

Full length

##### Protein Class

Transporter; Ion channel

##### TMD

6

##### Sequence

MAEASRWHRGGASKHKLHYRKEVEITTTLQELLFYFIFLINLCILTFGMV  
NPHMYLNLKVMSSFLDTSVPGEERTNFKSIRSITDFWKFMEGPLLEGly  
WDSWYNNQQLYNLKNSSRIYYENILLGVPRVRQLKVRNNTCKVYSSFQSL  
MSECYGKYTSANEDLSNFGQLINTEWRYSTSNTPSPWHWGFLGVYRNGGY  
IFTLSKSKSETKNKFIDRLRLNSWITRGTRVIFIDFSLYNANVNLFICIIRL  
VAEFPATGGILTSWQFYSVKLLRYVSYYDYFIASCEITFCIFLVFTTQE  
VKKIKEFKSAYFKSIWNWLELLLLLFCVAVSFNTYYNVQIFLLGQLLK  
STEKYSDFYFLACWHIYYNNIIAITIFFAWIKIFKISFNKTMSQLSSTL  
SRCVKDIVGFAIMFFIIFFAYAQLGFLVFGSQVDDFSTFQNSIFAQFRIV  
LGDFNFAGIQQANPILGPYFITFIFFVFFVLLNMFLAIINDTYSEVKAD  
YSIGRRLDFELGKMIKQSYKNVLEKFRLLKKAQKDEDKKTGSGDLAEQAR  
REGFDENEIQNAEQMKWKERLEKKYYSMEIQDDYQPVQTQEEFRELFLYA  
VELEKELHYINLKLNQVVRKVSAL

#### Product Description

##### Expression Systems

HEK293

**Tag**

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

PKD2L2

**Full Name**

Polycystin 2 like 2, transient receptor potential cation channel

**Alternative Names**

PKD2L2; TRPP5; polycystic kidney disease 2-like 2 protein; polycystin-2L2; polycystin-L2; transient receptor potential cation channel subfamily P member 5; Polycystin 2 like 2, transient receptor potential cation channel

**Gene ID**

[27039](#)

**UniProt ID**

[Q9NZM6](#)