

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

M-PKD2 (OF2-3)

RRID:Addgene_21370

Type: Plasmid

Proper Citation

RRID:Addgene_21370

Plasmid Information

URL: <http://www.addgene.org/21370>

Proper Citation: RRID:Addgene_21370

Insert Name: autosomal dominant polycystic kidney disease type II

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11140688](#)

Vector Backbone Description: Backbone Size:4352; Vector Backbone:pCS2+MT;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: *Note that this construct has a rare SNP (rs1131408) at position 4:88967820 that results in a missense change (G449V). The polymorphism is not known to affect function.

Plasmid Name: M-PKD2 (OF2-3)

Relevant Mutation: wild-type*

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260905T075353+0000

Ratings and Alerts

No rating or validation information has been found for M-PKD2 (OF2-3).

No alerts have been found for M-PKD2 (OF2-3).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Winokurow N, et al. (2026) Polycystin-1 Controls Cell Cycle Kinetics, Cell Cycle Exit, and Differentiation of Neural Progenitor Cells. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(9), e71844.

Decuypere JP, et al. (2021) Interdependent Regulation of Polycystin Expression Influences Starvation-Induced Autophagy and Cell Death. International journal of molecular sciences, 22(24).

Winokurow N, et al. (2019) A role for polycystin-1 and polycystin-2 in neural progenitor cell differentiation. Cellular and molecular life sciences : CMLS, 76(14), 2851.

Kim S, et al. (2016) The polycystin complex mediates Wnt/Ca(2+) signalling. Nature cell biology, 18(7), 752.

Sanidas I, et al. (2014) Phosphoproteomics screen reveals akt isoform-specific signals linking RNA processing to lung cancer. Molecular cell, 53(4), 577.