

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

FLM-PC1

RRID:Addgene_41567

Type: Plasmid

Proper Citation

RRID:Addgene_41567

Plasmid Information

URL: <http://www.addgene.org/41567>

Proper Citation: RRID:Addgene_41567

Insert Name: PKD1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21518865](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5100; Vector Backbone:pcDNA4/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: 5' cloning site: HindIII 3' cloning site: NotI

Plasmid Name: FLM-PC1

Relevant Mutation: sequence from 4078 - 4303 of PKD1

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260725T074653+0000

Ratings and Alerts

No rating or validation information has been found for FLM-PC1.

No alerts have been found for FLM-PC1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Díaz-Vesga MC, et al. (2022) Polycystin-1 Is a Crucial Regulator of BIN1 Expression and T-Tubule Remodeling Associated with the Development of Dilated Cardiomyopathy. International journal of molecular sciences, 24(1).

Prasad H, et al. (2019) NHA2 promotes cyst development in an in vitro model of polycystic kidney disease. The Journal of physiology, 597(2), 499.

Córdova-Casanova A, et al. (2018) Mechanical stretch increases L-type calcium channel stability in cardiomyocytes through a polycystin-1/AKT-dependent mechanism. Biochimica et biophysica acta. Molecular cell research, 1865(2), 289.