

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

HA.PKD

RRID:Addgene_10808

Type: Plasmid

Proper Citation

RRID:Addgene_10808

Plasmid Information

URL: <http://www.addgene.org/10808>

Proper Citation: RRID:Addgene_10808

Insert Name: PKD

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12505989](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The HA tag on this plasmid contains a point mutation that renders it unrecognizable by the 3F10 HA antibody. It will work fine with the 12CA5 HA antibody. The PKD insert in this plasmid contains a L520P mutation when compared to GenBank reference sequence NP_002733.1. Although the effect of this mutation is unknown, this is the exact plasmid used in the associated publication and it should function as described.

Plasmid Name: HA.PKD

Relevant Mutation: L520P

Record Creation Time: 20220422T221524+0000

Record Last Update: 20260905T074349+0000

Ratings and Alerts

No rating or validation information has been found for HA.PKD.

No alerts have been found for HA.PKD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Pun R, et al. (2024) PKC γ promotes keratinocyte cell migration through Cx43 phosphorylation-mediated suppression of intercellular communication. *iScience*, 27(3), 109033.

Gleason CE, et al. (2019) Phosphorylation at distinct subcellular locations underlies specificity in mTORC2-mediated activation of SGK1 and Akt. *Journal of cell science*, 132(7).

Wu S, et al. (2019) An integrated PKD1-dependent signaling network amplifies IRE1 prosurvival signaling. *The Journal of biological chemistry*, 294(29), 11119.

Jama A, et al. (2019) Lipin1 is required for skeletal muscle development by regulating MEF2c and MyoD expression. *The Journal of physiology*, 597(3), 889.

Hashimoto Y, et al. (2016) An Alzheimer Disease-linked Rare Mutation Potentiates Netrin Receptor Uncoordinated-5C-induced Signaling That Merges with Amyloid β Precursor Protein Signaling. *The Journal of biological chemistry*, 291(23), 12282.

Huang H, et al. (2014) Extracellular signal-regulated kinase activation during cardiac hypertrophy reduces sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (SERCA2) transcription. *Journal of molecular and cellular cardiology*, 75, 58.

Kritzer MD, et al. (2014) The scaffold protein muscle A-kinase anchoring protein β orchestrates cardiac myocyte hypertrophic signaling required for the development of heart failure. *Circulation. Heart failure*, 7(4), 663.

Serra RW, et al. (2014) A KRAS-directed transcriptional silencing pathway that mediates the CpG island methylator phenotype. *eLife*, 3, e02313.

Chow SY, et al. (2009) Sprouty2 interacts with protein kinase C δ and disrupts phosphorylation of protein kinase D1. *The Journal of biological chemistry*, 284(29), 19623.