

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

iRFP-PH-PLCdelta1

RRID:Addgene_66841

Type: Plasmid

Proper Citation

RRID:Addgene_66841

Plasmid Information

URL: <http://www.addgene.org/66841>

Proper Citation: RRID:Addgene_66841

Insert Name: PH-PLCdelta1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22847441](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: iRFP-PH-PLCdelta1

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260801T081647+0000

Ratings and Alerts

No rating or validation information has been found for iRFP-PH-PLCdelta1.

No alerts have been found for iRFP-PH-PLCdelta1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Brassard R, et al. (2025) Transmembrane Parkinson's disease mutation of PINK1 leads to altered mitochondrial anchoring. The Journal of biological chemistry, 301(3), 108253.

Sako K, et al. (2025) Cells adapt to extracellular acidic pH through TM9SF3-mediated PI(4,5)P2 flop. Nature communications, 16(1), 8852.

Naito T, et al. (2023) Regulation of cellular cholesterol distribution via non-vesicular lipid transport at ER-Golgi contact sites. Nature communications, 14(1), 5867.

Taslimi A, et al. (2022) Spatiotemporal control of necroptotic cell death and plasma membrane recruitment using engineered MLKL domains. Cell death discovery, 8(1), 469.

Takahashi K, et al. (2021) ORP2 couples LDL-cholesterol transport to FAK activation by endosomal cholesterol/PI(4,5)P2 exchange. The EMBO journal, 40(14), e106871.

Yamamoto K, et al. (2020) Shear stress activates mitochondrial oxidative phosphorylation by reducing plasma membrane cholesterol in vascular endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 117(52), 33660.