

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 31, 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: 20260829T080903+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 [PRECISE-TBI](#) .

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.