

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

mCherryC1-PIPKI{gamma}661

RRID:Addgene_29584

Type: Plasmid

Proper Citation

RRID:Addgene_29584

Plasmid Information

URL: <http://www.addgene.org/29584>

Proper Citation: RRID:Addgene_29584

Insert Name: phosphatidylinositol phosphate kinase type I gamma

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17928408](#)

Vector Backbone Description: Backbone Size:4673; Vector Backbone:mCherry C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: pmCherry-C1 was generated by PCR amplification of pRSET-B-mCherry (a generous gift from Dr. Roger Tsien) with primers containing a 5' NheI site and 3' BglII site and subcloning into pEGFP-C1 (Clontech) to replace the enhanced GFP (EGFP) sequence

Plasmid Name: mCherryC1-PIPKI{gamma}661

Record Creation Time: 20220422T222130+0000

Record Last Update: 20260829T080337+0000

Ratings and Alerts

No rating or validation information has been found for mCherryC1-PIPKI{gamma}661.

No alerts have been found for mCherryC1-PIPKI{gamma}661.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhang Y, et al. (2019) Tail domains of myosin-1e regulate phosphatidylinositol signaling and F-actin polymerization at the ventral layer of podosomes. *Molecular biology of the cell*, 30(5), 622.

Gawden-Bone CM, et al. (2018) PIP5 Kinases Regulate Membrane Phosphoinositide and Actin Composition for Targeted Granule Secretion by Cytotoxic Lymphocytes. *Immunity*, 49(3), 427.