

Resource Summary Report

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

mCherry-CRY2-P14P5K

RRID:Addgene_79570

Type: Plasmid

Proper Citation

RRID:Addgene_79570

Plasmid Information

URL: <http://www.addgene.org/79570>

Proper Citation: RRID:Addgene_79570

Insert Name: Pip5k1c

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27447049](#)

Vector Backbone Description: Vector Backbone:pEGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Three modifications have been made to PIP5K1g (NM008844): R445E and R446E mutations to favour cytosolic distribution and truncation of amino acids 636-661 to prevent plasma membrane localisation.

Plasmid Name: mCherry-CRY2-P14P5K

Relevant Mutation: R445E and R446E; truncation of amino acids 636-661 (please see depositor comments below)

Record Creation Time: 20220422T222521+0000

Record Last Update: 20260725T075215+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-CRY2-P14P5K.

No alerts have been found for mCherry-CRY2-P14P5K.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.