

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pmCherry-C1-MKLP1

RRID:Addgene_70154

Type: Plasmid

Proper Citation

RRID:Addgene_70154

Plasmid Information

URL: <http://www.addgene.org/70154>

Proper Citation: RRID:Addgene_70154

Insert Name: MKLP1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22580824](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4722; Vector Backbone:pmCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Note that there are two silent mutations at position 2673 and 4203. The former is an artificial SalI site and the latter a polymorphism (I think). They also have Gly (GGG) artificially inserted between the starting methionine and the lysine 2.

Plasmid Name: pmCherry-C1-MKLP1

Record Creation Time: 20220422T222434+0000

Record Last Update: 20260808T082045+0000

Ratings and Alerts

No rating or validation information has been found for pmCherry-C1-MKLP1.

No alerts have been found for pmCherry-C1-MKLP1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Petsalaki E, et al. (2021) An ATM-Chk2-INCENP pathway activates the abscission checkpoint. The Journal of cell biology, 220(2).

Peterman E, et al. (2019) The post-abscission midbody is an intracellular signaling organelle that regulates cell proliferation. Nature communications, 10(1), 3181.

Chung D, et al. (2019) Inhibition of neddylation induces mitotic defects and alters MKLP1 accumulation at the midbody during cytokinesis. Cell cycle (Georgetown, Tex.), 18(10), 1135.