

Resource Summary Report

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

pEGFP-C1-MKLP1

RRID:Addgene_70145

Type: Plasmid

Proper Citation

RRID:Addgene_70145

Plasmid Information

URL: <http://www.addgene.org/70145>

Proper Citation: RRID:Addgene_70145

Insert Name: MKLP1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20451386](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Note that there are two silent mutations at position 2682 and 4212. 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: pEGFP-C1-MKLP1

Record Creation Time: 20220422T222433+0000

Record Last Update: 20260808T082045+0000

Ratings and Alerts

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

No alerts have been found for pEGFP-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](#) .

Bernabé-Rubio M, et al. (2021) Adaptive Lipid Immiscibility and Membrane Remodeling Are Active Functional Determinants of Primary Ciliogenesis. *Small methods*, 5(2), e2000711.

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.

de Cárcer G, et al. (2018) Plk1 overexpression induces chromosomal instability and suppresses tumor development. *Nature communications*, 9(1), 3012.