

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pLifeAct-miRFP703](#)

RRID:Addgene_79993

Type: Plasmid

Proper Citation

RRID:Addgene_79993

Plasmid Information

URL: <http://www.addgene.org/79993>

Proper Citation: RRID:Addgene_79993

Insert Name: Lifeact

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27539380](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3936; Vector Backbone:pN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pLifeAct-miRFP703

Record Creation Time: 20220422T222523+0000

Record Last Update: 20260815T082035+0000

Ratings and Alerts

No rating or validation information has been found for pLifeAct-miRFP703.

No alerts have been found for pLifeAct-miRFP703.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Coscia SM, et al. (2024) An interphase actin wave promotes mitochondrial content mixing and organelle homeostasis. *Nature communications*, 15(1), 3793.

Swiatlowska P, et al. (2022) Pressure and stiffness sensing together regulate vascular smooth muscle cell phenotype switching. *Science advances*, 8(15), eabm3471.

Shkarina K, et al. (2022) Optogenetic activators of apoptosis, necroptosis, and pyroptosis. *The Journal of cell biology*, 221(6).

Berlew EE, et al. (2022) Designing Single-Component Optogenetic Membrane Recruitment Systems: The Rho-Family GTPase Signaling Toolbox. *ACS synthetic biology*, 11(1), 515.

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.