

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

Cofilin-pmCherryC1

RRID:Addgene_27687

Type: Plasmid

Proper Citation

RRID:Addgene_27687

Plasmid Information

URL: <http://www.addgene.org/27687>

Proper Citation: RRID:Addgene_27687

Insert Name: Cofilin

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21445324](#)

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

Comments: Gene PCR from cDNA library from mouse brain

Plasmid Name: Cofilin-pmCherryC1

Record Creation Time: 20220422T222124+0000

Record Last Update: 20260815T081305+0000

Ratings and Alerts

No rating or validation information has been found for Cofilin-pmCherryC1.

No alerts have been found for Cofilin-pmCherryC1.

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](#) .

Naffa R, et al. (2021) The Plasma Membrane Ca²⁺ Pump PMCA4b Regulates Melanoma Cell Migration through Remodeling of the Actin Cytoskeleton. *Cancers*, 13(6).

K??hn S, et al. (2020) Actin Assembly around the Shigella-Containing Vacuole Promotes Successful Infection. *Cell reports*, 31(6), 107638.

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.

Chatzifrangkeskou M, et al. (2018) Cofilin-1 phosphorylation catalyzed by ERK1/2 alters cardiac actin dynamics in dilated cardiomyopathy caused by lamin A/C gene mutation. *Human molecular genetics*, 27(17), 3060.

Pontes B, et al. (2017) Membrane tension controls adhesion positioning at the leading edge of cells. *The Journal of cell biology*, 216(9), 2959.