

Resource Summary Report

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

Arp3-pmCherryC1

RRID:Addgene_27682

Type: Plasmid

Proper Citation

RRID:Addgene_27682

Plasmid Information

URL: <http://www.addgene.org/27682>

Proper Citation: RRID:Addgene_27682

Insert Name: Arp3

Organism: Homo sapiens

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: Cloned from IMAGE clone: 5261640 (MGC:57216).

Plasmid Name: Arp3-pmCherryC1

Record Creation Time: 20220422T222124+0000

Record Last Update: 20260725T074520+0000

Ratings and Alerts

No rating or validation information has been found for Arp3-pmCherryC1.

No alerts have been found for Arp3-pmCherryC1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Bera K, et al. (2022) Extracellular fluid viscosity enhances cell migration and cancer dissemination. *Nature*, 611(7935), 365.

Kravi? B, et al. (2022) Ubiquitin profiling of lysophagy identifies actin stabilizer CNN2 as a target of VCP/p97 and uncovers a link to HSPB1. *Molecular cell*, 82(14), 2633.

Vorselen D, et al. (2021) Phagocytic 'teeth' and myosin-II 'jaw' power target constriction during phagocytosis. *eLife*, 10.

Kühn 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.

Zoeller EL, et al. (2019) Genetic heterogeneity within collective invasion packs drives leader and follower cell phenotypes. *Journal of cell science*, 132(19).

Rafiq NB, et al. (2017) Podosome assembly is controlled by the GTPase ARF1 and its nucleotide exchange factor ARNO. *The Journal of cell biology*, 216(1), 181.

Saito M, et al. (2017) Tctex-1 controls ciliary resorption by regulating branched actin polymerization and endocytosis. *EMBO reports*, 18(8), 1460.

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

Monzo P, et al. (2016) Mechanical confinement triggers glioma linear migration dependent on formin FHOD3. *Molecular biology of the cell*, 27(8), 1246.

Masters TA, et al. (2016) F-actin waves, actin cortex disassembly and focal exocytosis driven by actin-phosphoinositide positive feedback. *Cytoskeleton (Hoboken, N.J.)*, 73(4), 180.

Foroutannejad S, et al. (2014) A novel role for IQGAP1 protein in cell motility through cell retraction. *Biochemical and biophysical research communications*, 448(1), 39.