

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 2, 2025

mCherry-Actin-C-18

RRID:Addgene_54967

Type: Plasmid

Proper Citation

RRID:Addgene_54967

Plasmid Information

URL: <http://www.addgene.org/54967>

Proper Citation: RRID:Addgene_54967

Insert Name: Actin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20150100](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 587; Emission = 610

Plasmid Name: mCherry-Actin-C-18

Record Creation Time: 20220422T222321+0000

Record Last Update: 20231003T080732+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Actin-C-18.

No alerts have been found for mCherry-Actin-C-18.

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 [FDI Lab - SciCrunch.org](#).

Chang CY, et al. (2024) The F-actin bundler SWAP-70 promotes tumor metastasis. Life science alliance, 7(8).

Gómez-Morón Á, et al. (2024) Human T-cell receptor triggering requires inactivation of Lim kinase-1 by Slingshot-1 phosphatase. Communications biology, 7(1), 918.

Xu Y, et al. (2024) Chemical Proteomics Reveals N^ε-Fatty-Acylation of Septins by Rho Inactivation Domain (RID) of the Vibrio MARTX Toxin to Alter Septin Localization and Organization. Molecular & cellular proteomics : MCP, 23(3), 100730.

Schwebach CL, et al. (2022) Allosteric regulation controls actin-bundling properties of human plastins. Nature structural & molecular biology, 29(6), 519.

Hosseini K, et al. (2020) EMT-Induced Cell-Mechanical Changes Enhance Mitotic Rounding Strength. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 7(19), 2001276.