

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

mCherry-Paxillin-22

RRID:Addgene_55114

Type: Plasmid

Proper Citation

RRID:Addgene_55114

Plasmid Information

URL: <http://www.addgene.org/55114>

Proper Citation: RRID:Addgene_55114

Insert Name: Paxillin

Organism: Gallus gallus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22751201](#)

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

Comments: . Excitation = 587; Emission = 610

Plasmid Name: mCherry-Paxillin-22

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260912T092856+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Paxillin-22.

No alerts have been found for mCherry-Paxillin-22.

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 [NIF](#) .

Ivanova JR, et al. (2024) Designed Ankyrin Repeat Proteins as Actin Labels of Distinct Cytoskeletal Structures in Living Cells. ACS nano, 18(12), 8919.

Peng Y, et al. (2022) Non-muscle myosin II isoforms orchestrate substrate stiffness sensing to promote cancer cell contractility and migration. Cancer letters, 524, 245.

Ju J, et al. (2022) Optical regulation of endogenous RhoA reveals selection of cellular responses by signal amplitude. Cell reports, 40(2), 111080.

Blanco C, et al. (2019) EB1- and EB2-dependent anterograde trafficking of TRPM4 regulates focal adhesion turnover and cell invasion. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 33(8), 9434.

Colville MJ, et al. (2019) High-speed device synchronization in optical microscopy with an open-source hardware control platform. Scientific reports, 9(1), 12188.