

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

Cortactin-pmCherryC1

RRID:Addgene_27676

Type: Plasmid

Proper Citation

RRID:Addgene_27676

Plasmid Information

URL: <http://www.addgene.org/27676>

Proper Citation: RRID:Addgene_27676

Insert Name: Cortactin

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: Adapted from Natalie Soulet Cortactin-pEGFP-C1 construct.

Plasmid Name: Cortactin-pmCherryC1

Record Creation Time: 20220422T222124+0000

Record Last Update: 20260808T081505+0000

Ratings and Alerts

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

No alerts have been found for Cortactin-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 [nidm-terms](#) .

Clippinger AK, et al. (2024) IST1 regulates select recycling pathways. *Traffic* (Copenhagen, Denmark), 25(1), e12921.

Clippinger AK, et al. (2023) IST1 regulates select endosomal recycling pathways. *bioRxiv* : the preprint server for biology.

Dorskind JM, et al. (2023) Drebrin Regulates Collateral Axon Branching in Cortical Layer II/III Somatosensory Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(46), 7745.

Yang C, et al. (2022) Actin polymerization promotes invagination of flat clathrin-coated lattices in mammalian cells by pushing at lattice edges. *Nature communications*, 13(1), 6127.

Kreider-Letterman G, et al. (2022) Quantification of ruffle area and dynamics in live or fixed lung adenocarcinoma cells. *STAR protocols*, 3(2), 101437.

Ghosh D, et al. (2021) PLP2 drives collective cell migration via ZO-1-mediated cytoskeletal remodeling at the leading edge in human colorectal cancer cells. *Journal of cell science*, 134(18).

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.

Lopez-Guerrero AM, et al. (2020) RAC1-Dependent ORAI1 Translocation to the Leading Edge Supports Lamellipodia Formation and Directional Persistence. *Scientific reports*, 10(1), 6580.

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.

Lopez-Guerrero AM, et al. (2017) Regulation of membrane ruffling by polarized STIM1 and ORAI1 in cortactin-rich domains. *Scientific reports*, 7(1), 383.

Binamé F, et al. (2016) Cancer-associated mutations in the protrusion-targeting region of p190RhoGAP impact tumor cell migration. *The Journal of cell biology*, 214(7), 859.