

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pLifeAct_mScarlet-i_N1

RRID:Addgene_85056

Type: Plasmid

Proper Citation

RRID:Addgene_85056

Plasmid Information

URL: <http://www.addgene.org/85056>

Proper Citation: RRID:Addgene_85056

Insert Name: LifeAct

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27869816](#)

Vector Backbone Description: Backbone Marker:Gadella Lab; Backbone Size:4693; Vector Backbone:pmScarlet-i_N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pLifeAct_mScarlet-i_N1

Record Creation Time: 20220422T222547+0000

Record Last Update: 20260902T050352+0000

Ratings and Alerts

No rating or validation information has been found for pLifeAct_mScarlet-i_N1.

No alerts have been found for pLifeAct_mScarlet-i_N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Sasidharan S, et al. (2025) Flow transports extracellular lipid-anchored proteins across the surface of living COS-7 cells. *bioRxiv* : the preprint server for biology.

Wiesner E, et al. (2025) A red fluorescent lifeact marker to study actin morphology in podocytes. *Scientific reports*, 15(1), 12386.

Kumar U, et al. (2024) Whole-body replacement of larval myofibers generates permanent adult myofibers in zebrafish. *The EMBO journal*, 43(15), 3090.

Novotná Florian?i?ová K, et al. (2023) Phylogenetic and functional characterization of water bears (Tardigrada) tubulins. *Scientific reports*, 13(1), 5194.

Hauke L, et al. (2023) Metal-Induced Energy Transfer (MIET) for Live-Cell Imaging with Fluorescent Proteins. *ACS nano*, 17(9), 8242.

Azizov V, et al. (2023) Alcohol-sourced acetate impairs T cell function by promoting cortactin acetylation. *iScience*, 26(7), 107230.

Sekine Y, et al. (2022) Rabphilin3A reduces integrin-dependent growth cone signaling to restrict axon regeneration after trauma. *Experimental neurology*, 353, 114070.

Quinn SE, et al. (2021) The structural dynamics of macropinosome formation and PI3-kinase-mediated sealing revealed by lattice light sheet microscopy. *Nature communications*, 12(1), 4838.

Wu D, et al. (2021) Single-cell metabolic imaging reveals a SLC2A3-dependent glycolytic burst in motile endothelial cells. *Nature metabolism*, 3(5), 714.

Chung D, et al. (2019) Inhibition of neddylation induces mitotic defects and alters MKLP1 accumulation at the midbody during cytokinesis. *Cell cycle (Georgetown, Tex.)*, 18(10), 1135.