

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

mApple-LC-Myosin-N-7

RRID:Addgene_54920

Type: Plasmid

Proper Citation

RRID:Addgene_54920

Plasmid Information

URL: <http://www.addgene.org/54920>

Proper Citation: RRID:Addgene_54920

Insert Name: LC-Myosin

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mApple-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 568; Emission = 592

Plasmid Name: mApple-LC-Myosin-N-7

Record Creation Time: 20220422T222321+0000

Record Last Update: 20260919T092022+0000

Ratings and Alerts

No rating or validation information has been found for mApple-LC-Myosin-N-7.

No alerts have been found for mApple-LC-Myosin-N-7.

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](#) .

Schmitt MS, et al. (2024) Machine learning interpretable models of cell mechanics from protein images. *Cell*, 187(2), 481.

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

Schmitt MS, et al. (2023) Zyxin is all you need: machine learning adherent cell mechanics. *ArXiv*.

Hosseini K, et al. (2022) Skin epithelial cells change their mechanics and proliferation upon snail-mediated EMT signalling. *Soft matter*, 18(13), 2585.

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