

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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:** 20260801T081500+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 [dkNET](#) .

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.