

Resource Summary Report

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

mCherry-MyosinIIB-N-18

RRID:Addgene_55107

Type: Plasmid

Proper Citation

RRID:Addgene_55107

Plasmid Information

URL: <http://www.addgene.org/55107>

Proper Citation: RRID:Addgene_55107

Insert Name: MyosinIIB

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 587; Emission = 610

Plasmid Name: mCherry-MyosinIIB-N-18

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260912T092856+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-MyosinIIB-N-18.

No alerts have been found for mCherry-MyosinIIB-N-18.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Lehmann SM, et al. (2021) Growth, lifetime, directional movement and myosin-dependent motility of mutant keratin granules in cultured cells. Scientific reports, 11(1), 2379.

Zhang J, et al. (2020) Aster-C coordinates with COP I vesicles to regulate lysosomal trafficking and activation of mTORC1. EMBO reports, 21(9), e49898.

Heuz?? ML, et al. (2019) Myosin II isoforms play distinct roles in adherens junction biogenesis. eLife, 8.

Connacher MK, et al. (2017) Rear-polarized Wnt5a-receptor-actin-myosin-polarity (WRAMP) structures promote the speed and persistence of directional cell migration. Molecular biology of the cell, 28(14), 1924.