

Resource Summary Report

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

mEmerald-mDia1-C-14

RRID:Addgene_54156

Type: Plasmid

Proper Citation

RRID:Addgene_54156

Plasmid Information

URL: <http://www.addgene.org/54156>

Proper Citation: RRID:Addgene_54156

Insert Name: mDia1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 487; Emission = 509. Localization data: Cytoskeleton

Plasmid Name: mEmerald-mDia1-C-14

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260902T045705+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-mDia1-C-14.

No alerts have been found for mEmerald-mDia1-C-14.

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 [RRID](#) .

Wan M, et al. (2025) Lovastatin-mediated pharmacological inhibition of Formin protein DIAPH1 suppresses tumor immune escape and boosts immunotherapy response. International immunopharmacology, 144, 113637.

Kijima ST, et al. (2025) Control of plasma membrane-associated actin polymerization specifies the pattern of the cell wall in xylem vessels. Nature communications, 16(1), 1921.

Leijnse N, et al. (2022) Filopodia rotate and coil by actively generating twist in their actin shaft. Nature communications, 13(1), 1636.

Dhanda AS, et al. (2021) mDia1 Assembles a Linear F-Actin Coat at Membrane Invaginations To Drive *Listeria monocytogenes* Cell-to-Cell Spreading. mBio, 12(6), e0293921.

Adams G, et al. (2021) Survey of cancer cell anatomy in nonadhesive confinement reveals a role for filamin-A and fascin-1 in leader bleb-based migration. Molecular biology of the cell, 32(18), 1772.