

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.