

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

mEmerald-Actin-C-18

RRID:Addgene_53978

Type: Plasmid

Proper Citation

RRID:Addgene_53978

Plasmid Information

URL: <http://www.addgene.org/53978>

Proper Citation: RRID:Addgene_53978

Insert Name: Actin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21423177](#)

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

Comments: . Excitation = 487; Emission = 509. Localization data: Beta-Actin

Plasmid Name: mEmerald-Actin-C-18

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260725T074835+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Actin-C-18.

No alerts have been found for mEmerald-Actin-C-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](#) .

Fan XY, et al. (2021) Cytokinesis During the First Division of a Mouse Embryo. *Frontiers in cell and developmental biology*, 9, 815599.

Tamura R, et al. (2021) Multiplexed labeling of cellular proteins with split fluorescent protein tags. *Communications biology*, 4(1), 257.

Valencia FR, et al. (2021) Force-dependent activation of actin elongation factor mDia1 protects the cytoskeleton from mechanical damage and promotes stress fiber repair. *Developmental cell*, 56(23), 3288.

Doh JK, et al. (2019) Implementing VIPER for Imaging Cellular Proteins by Fluorescence Microscopy. *Bio-protocol*, 9(21).