

Resource Summary Report

Generated by [NIF](#) on Sep 9, 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: 20260905T075804+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 5 mentions in open access literature.

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

Galbraith CG, et al. (2026) Compartmentalized cytoplasmic tradewinds direct soluble proteins. Nature communications, 17(1).

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).