

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

mEmerald-ZO1-C-14

RRID:Addgene_54316

Type: Plasmid

Proper Citation

RRID:Addgene_54316

Plasmid Information

URL: <http://www.addgene.org/54316>

Proper Citation: RRID:Addgene_54316

Insert Name: ZO1

Organism: Homo sapiens

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: Tight Junctions

Plasmid Name: mEmerald-ZO1-C-14

Record Creation Time: 20220422T222318+0000

Record Last Update: 20260815T081639+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-ZO1-C-14.

No alerts have been found for mEmerald-ZO1-C-14.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Javed A, et al. (2025) Piezo1 balances membrane and cortex tension to stabilize intercellular junctions and maintain the epithelial barrier. *Journal of cell science*, 138(16).

Ghosh D, et al. (2021) PLP2 drives collective cell migration via ZO-1-mediated cytoskeletal remodeling at the leading edge in human colorectal cancer cells. *Journal of cell science*, 134(18).

Li Y, et al. (2019) The N-cadherin interactome in primary cardiomyocytes as defined using quantitative proximity proteomics. *Journal of cell science*, 132(3).