

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

mEmerald-Occludin-N-10

RRID:Addgene_54212

Type: Plasmid

Proper Citation

RRID:Addgene_54212

Plasmid Information

URL: <http://www.addgene.org/54212>

Proper Citation: RRID:Addgene_54212

Insert Name: Occludin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 487; Emission = 509. Localization data: Tight Junctions

Plasmid Name: mEmerald-Occludin-N-10

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260912T092847+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Occludin-N-10.

No alerts have been found for mEmerald-Occludin-N-10.

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](#) .

Tervonen A, et al. (2023) The Effect of Substrate Stiffness on Elastic Force Transmission in the Epithelial Monolayers over Short Timescales. Cellular and molecular bioengineering, 16(5-6), 475.

McCutcheon S, et al. (2020) The dynamic Nexus: gap junctions control protein localization and mobility in distinct and surprising ways. Scientific reports, 10(1), 17011.

Zenker J, et al. (2018) Expanding Actin Rings Zipper the Mouse Embryo for Blastocyst Formation. Cell, 173(3), 776.