

Resource Summary Report

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

mEmerald-Caveolin-N-10

RRID:Addgene_54026

Type: Plasmid

Proper Citation

RRID:Addgene_54026

Plasmid Information

URL: <http://www.addgene.org/54026>

Proper Citation: RRID:Addgene_54026

Insert Name: Caveolin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23469926](#)

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

Comments: . Excitation = 487; Emission = 509. Localization data: Membrane

Plasmid Name: mEmerald-Caveolin-N-10

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260725T074835+0000

Ratings and Alerts

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

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

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](#) .

Raj N, et al. (2024) Membrane Tension Regulation is Required for Wound Repair. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(48), e2402317.

Mayberry CL, et al. (2019) JC Polyomavirus Entry by Clathrin-Mediated Endocytosis Is Driven by β -Arrestin. *Journal of virology*, 93(8).

Copeland CA, et al. (2017) A disease-associated frameshift mutation in caveolin-1 disrupts caveolae formation and function through introduction of a de novo ER retention signal. *Molecular biology of the cell*, 28(22), 3095.

Han B, et al. (2016) Characterization of a caveolin-1 mutation associated with both pulmonary arterial hypertension and congenital generalized lipodystrophy. *Traffic* (Copenhagen, Denmark), 17(12), 1297.