

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

mEmerald-MAP4-C-10

RRID:Addgene_54152

Type: Plasmid

Proper Citation

RRID:Addgene_54152

Plasmid Information

URL: <http://www.addgene.org/54152>

Proper Citation: RRID:Addgene_54152

Insert Name: MAP4

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21378978](#)

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

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

Plasmid Name: mEmerald-MAP4-C-10

Relevant Mutation: aa 640-1045 of MAP4

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260829T080705+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-MAP4-C-10.

No alerts have been found for mEmerald-MAP4-C-10.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Minckley TF, et al. (2023) Zn²⁺ decoration of microtubules arrests axonal transport and displaces tau, doublecortin, and MAP2C. The Journal of cell biology, 222(8).

Charafeddine RA, et al. (2019) Tau repeat regions contain conserved histidine residues that modulate microtubule-binding in response to changes in pH. The Journal of biological chemistry, 294(22), 8779.