

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

mEmerald-Rab5a-7

RRID:Addgene_54243

Type: Plasmid

Proper Citation

RRID:Addgene_54243

Plasmid Information

URL: <http://www.addgene.org/54243>

Proper Citation: RRID:Addgene_54243

Insert Name: Rab5a

Organism: Other

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 487; Emission = 509. Localization data: Ras GTPase

Plasmid Name: mEmerald-Rab5a-7

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260808T081828+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Rab5a-7.

No alerts have been found for mEmerald-Rab5a-7.

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 [PRECISE-TBI](#) .

Rennick JJ, et al. (2022) Resolving subcellular pH with a quantitative fluorescent lifetime biosensor. Nature communications, 13(1), 6023.

Adams G, et al. (2021) Survey of cancer cell anatomy in nonadhesive confinement reveals a role for filamin-A and fascin-1 in leader bleb-based migration. Molecular biology of the cell, 32(18), 1772.

Lu M, et al. (2020) The structure and global distribution of the endoplasmic reticulum network are actively regulated by lysosomes. Science advances, 6(51).

Xia S, et al. (2019) Nanoscale Architecture of the Cortical Actin Cytoskeleton in Embryonic Stem Cells. Cell reports, 28(5), 1251.