

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

EGFP-Rab3A

RRID:Addgene_49542

Type: Plasmid

Proper Citation

RRID:Addgene_49542

Plasmid Information

URL: <http://www.addgene.org/49542>

Proper Citation: RRID:Addgene_49542

Insert Name: Rab3A

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20345488](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:EGFP C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: EGFP-Rab3A

Record Creation Time: 20220422T222255+0000

Record Last Update: 20260829T080626+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-Rab3A.

No alerts have been found for EGFP-Rab3A.

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 [SPARC SAWG](#) .

Han Y, et al. (2025) Unveiling the cell biology of hippocampal neurons with dendritic axon origin. The Journal of cell biology, 224(1).

Essandoh K, et al. (2025) Rab3gap1 palmitoylation cycling modulates cardiomyocyte exocytosis and atrial natriuretic peptide release. Biophysical journal, 124(11), 1843.

Essandoh K, et al. (2025) The Rab3 GTPase cycle modulates cardiomyocyte exocytosis and atrial natriuretic peptide release. Biophysical journal, 124(11), 1856.