

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

pEGFP Abi1

RRID:Addgene_74905

Type: Plasmid

Proper Citation

RRID:Addgene_74905

Plasmid Information

URL: <http://www.addgene.org/74905>

Proper Citation: RRID:Addgene_74905

Insert Name: Abi1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15048123](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4731; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP Abi1

Record Creation Time: 20220422T222456+0000

Record Last Update: 20260829T081016+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP Abi1.

No alerts have been found for pEGFP Abi1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Inaba H, et al. (2025) Cryo-ET of actin cytoskeleton and membrane structure in lamellipodia formation using optogenetics. *iScience*, 28(6), 112529.

Balekoglu N, et al. (2024) The WAVE regulatory complex interacts with Boc and is required for Shh-mediated axon guidance. *iScience*, 27(12), 111333.

Mahlandt EK, et al. (2023) Cell-based optimization and characterization of genetically encoded location-based biosensors for Cdc42 or Rac activity. *Journal of cell science*, 136(10).

Montaño-Rendón F, et al. (2022) PtdIns(3,4)P₂, Lamellipodin, and VASP coordinate actin dynamics during phagocytosis in macrophages. *The Journal of cell biology*, 221(11).

Perfitt TL, et al. (2020) CaMKII γ phosphorylation of Shank3 modulates ABI1-Shank3 interaction. *Biochemical and biophysical research communications*, 524(1), 262.

Cohen J, et al. (2019) The Wave complex controls epidermal morphogenesis and proliferation by suppressing Wnt-Sox9 signaling. *The Journal of cell biology*, 218(4), 1390.