

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

Arf1-GFP

RRID:Addgene_39554

Type: Plasmid

Proper Citation

RRID:Addgene_39554

Plasmid Information

URL: <http://www.addgene.org/39554>

Proper Citation: RRID:Addgene_39554

Insert Name: ADP ribosylation factor 1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18524849](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Arf1-GFP

Record Creation Time: 20220422T222206+0000

Record Last Update: 20260815T081429+0000

Ratings and Alerts

No rating or validation information has been found for Arf1-GFP.

No alerts have been found for Arf1-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Saber SH, et al. (2026) Inhibition of host N-myristoylation compromises the infectivity of SARS-CoV-2 due to Golgi-bypassing egress. *Nature communications*, 17(1).

Squiers GT, et al. (2025) A Commander-independent function of COMMD3 in endosomal trafficking. *eLife*, 14.

Christensen JR, et al. (2021) Cytoplasmic dynein-1 cargo diversity is mediated by the combinatorial assembly of FTS-Hook-FHIP complexes. *eLife*, 10.

Gilbert CE, et al. (2018) Commonly used trafficking blocks disrupt ARF1 activation and the localization and function of specific Golgi proteins. *Molecular biology of the cell*, 29(8), 937.

Rafiq NB, et al. (2017) Podosome assembly is controlled by the GTPase ARF1 and its nucleotide exchange factor ARNO. *The Journal of cell biology*, 216(1), 181.

Kim BS, et al. (2016) MARTX effector cross kingdom activation by Golgi-associated ADP-ribosylation factors. *Cellular microbiology*, 18(8), 1078.

Wang C, et al. (2015) GB virus type C E2 protein inhibits human immunodeficiency virus type 1 Gag assembly by downregulating human ADP-ribosylation factor 1. *Oncotarget*, 6(41), 43293.