

Resource Summary Report

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

pEGFP-N1 human cofilin S3A

RRID:Addgene_50860

Type: Plasmid

Proper Citation

RRID:Addgene_50860

Plasmid Information

URL: <http://www.addgene.org/50860>

Proper Citation: RRID:Addgene_50860

Insert Name: cofilin 1 S3A

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18045906](#)

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

Plasmid Name: pEGFP-N1 human cofilin S3A

Relevant Mutation: S3A constitutively active

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260815T081612+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-N1 human cofilin S3A.

No alerts have been found for pEGFP-N1 human cofilin S3A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Warner H, et al. (2024) Atypical cofilin signaling drives dendritic cell migration through the extracellular matrix via nuclear deformation. Cell reports, 43(3), 113866.

Advedissian T, et al. (2024) Cytokinetic abscission requires actin-dependent microtubule severing. Nature communications, 15(1), 1949.

Swiatlowska P, et al. (2022) Pressure and stiffness sensing together regulate vascular smooth muscle cell phenotype switching. Science advances, 8(15), eabm3471.

Cazzaro S, et al. (2022) Slingshot homolog-1 mediates the secretion of small extracellular vesicles containing misfolded proteins by regulating autophagy cargo receptors and actin dynamics. Frontiers in aging neuroscience, 14, 933979.

Kumar R, et al. (2016) A new role for cofilin in retinal neovascularization. Journal of cell science, 129(6), 1234.