

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

mEGFP-N1

RRID:Addgene_54767

Type: Plasmid

Proper Citation

RRID:Addgene_54767

Plasmid Information

URL: <http://www.addgene.org/54767>

Proper Citation: RRID:Addgene_54767

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEGFP-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: A206K mutation. Excitation = 488; Emission = 507

Plasmid Name: mEGFP-N1

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260902T045714+0000

Ratings and Alerts

No rating or validation information has been found for mEGFP-N1.

No alerts have been found for mEGFP-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Kim SH, et al. (2026) Remodeling synaptic connections via engineered neuron-astrocyte interactions. *Nature communications*, 17(1).

Florez-Vargas O, et al. (2025) Genetic regulation of TERT splicing affects cancer risk by altering cellular longevity and replicative potential. *Nature communications*, 16(1), 1676.

Inoki T, et al. (2025) N-acetyltransferase 10 promotes glioblastoma malignancy via mRNA stabilization of jumonji and AT-rich interaction domain containing 2. *The Journal of biological chemistry*, 301(6), 108544.

Baytshtok V, et al. (2025) Structural basis for a nucleoporin exportin complex between RanBP2, SUMO1-RanGAP1, the E2 Ubc9, Crm1 and the Ran GTPase. *Nature communications*, 16(1), 6403.

Chen T, et al. (2024) EMT transcription factors activated circuits: A novel tool to study EMT dynamics and its therapeutic implications. *Synthetic and systems biotechnology*, 9(1), 1.

Wu X, et al. (2024) The RhoB p.S73F mutation leads to cerebral palsy through dysregulation of lipid homeostasis. *EMBO molecular medicine*, 16(9), 2002.

Philips EA, et al. (2024) Transmembrane domain-driven PD-1 dimers mediate T cell inhibition. *Science immunology*, 9(93), eade6256.

Obara CJ, et al. (2024) Motion of VAPB molecules reveals ER-mitochondria contact site subdomains. *Nature*, 626(7997), 169.

Ivanova JR, et al. (2024) Designed Ankyrin Repeat Proteins as Actin Labels of Distinct Cytoskeletal Structures in Living Cells. *ACS nano*, 18(12), 8919.

Liboy-Lugo JM, et al. (2024) Protein-protein interactions with G3BPs drive stress granule condensation and gene expression changes under cellular stress. *bioRxiv : the preprint server for biology*.

Rivera J, et al. (2024) Phylogenomic, structural, and cell biological analyses reveal that *Stenotrophomonas maltophilia* replicates in acidified Rab7A-positive vacuoles of *Acanthamoeba castellanii*. *Microbiology spectrum*, 12(3), e0298823.

Baytshtok V, et al. (2024) Structural basis for a nucleoporin exportin complex between RanBP2, SUMO1-RanGAP1, the E2 Ubc9, Crm1 and the Ran GTPase. *bioRxiv : the preprint server for biology*.

Florez-Vargas O, et al. (2024) Genetic regulation of TERT splicing contributes to reduced or elevated cancer risk by altering cellular longevity and replicative potential. *medRxiv : the preprint server for health sciences*.

Stajkovi? N, et al. (2023) Direct fluorescent labeling of NF186 and NaV1.6 in living primary neurons using bioorthogonal click chemistry. *Journal of cell science*, 136(12).

Davis K, et al. (2023) Miro GTPase domains regulate the assembly of the mitochondrial motor-adaptor complex. *Life science alliance*, 6(1).

Pellegrino E, et al. (2023) Peroxisomal ROS control cytosolic Mycobacterium tuberculosis replication in human macrophages. The Journal of cell biology, 222(12).

Tsuruta A, et al. (2023) Modulation of cell physiology by bispecific nanobodies enabling changes in the intracellular localization of organelle proteins. Biochemical pharmacology, 215, 115708.

Zhang F, et al. (2023) Dynamic phase separation of the androgen receptor and its coactivators key to regulate gene expression. Nucleic acids research, 51(1), 99.

Mohammadpour H, et al. (2023) Galectin-3 expression in donor T cells reduces GvHD severity and lethality after allogeneic hematopoietic cell transplantation. Cell reports, 42(3), 112250.

Schamber MR, et al. (2022) Mechanism of sensitivity modulation in the calcium-sensing receptor via electrostatic tuning. Nature communications, 13(1), 2194.