

# Resource Summary Report

Generated by [NIF](#) 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 [NIF](#) .

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).

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

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

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.