

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pcDNA3-GFP-LC3-RFP-LC3?G

RRID:Addgene_168997

Type: Plasmid

Proper Citation

RRID:Addgene_168997

Plasmid Information

URL: <http://www.addgene.org/168997>

Proper Citation: RRID:Addgene_168997

Insert Name: microtubule-associated protein 1 light chain 3 beta

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27818143](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-GFP-LC3-RFP-LC3?G

Record Creation Time: 20220422T221947+0000

Record Last Update: 20260815T080956+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-GFP-LC3-RFP-LC3?G.

No alerts have been found for pcDNA3-GFP-LC3-RFP-LC3?G.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

El Sayed A, et al. (2026) Lysosomal accumulation of masitinib alters autophagy via pH-dependent trapping. *European journal of pharmacology*, 1024, 178872.

Huang L, et al. (2025) X-linked myopathy with excessive autophagy: characterization and therapy testing in a zebrafish model. *EMBO molecular medicine*, 17(4), 823.

Eubanks E, et al. (2025) Increased burden of rare risk variants across gene expression networks predisposes to sporadic Parkinson's disease. *Cell reports*, 44(5), 115636.

Nader WO, et al. (2025) TFEB overexpression alleviates autophagy-lysosomal deficits caused by progranulin insufficiency. *Scientific reports*, 15(1), 26217.

Willems S, et al. (2025) Comparative Profiling and Chemogenomics Application of Chemical Tools for NR4A Nuclear Receptors. *Journal of medicinal chemistry*, 68(19), 19955.

Chang TM, et al. (2024) Promotion of ROS-mediated apoptosis, G2/M arrest, and autophagy by naringenin in non-small cell lung cancer. *International journal of biological sciences*, 20(3), 1093.

Eubanks E, et al. (2024) Increased burden of rare risk variants across gene expression networks predisposes to sporadic Parkinson's disease. *bioRxiv : the preprint server for biology*.

Ou M, et al. (2023) Inhibition of autophagy and induction of glioblastoma cell death by NEO214, a perillyl alcohol-rolipram conjugate. *Autophagy*, 19(12), 3169.

Roberts JL, et al. (2021) Axitinib and HDAC Inhibitors Interact to Kill Sarcoma Cells. *Frontiers in oncology*, 11, 723966.