

Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

LAMP1-mRFP-FLAG

RRID:Addgene_34611

Type: Plasmid

Proper Citation

RRID:Addgene_34611

Plasmid Information

URL: <http://www.addgene.org/34611>

Proper Citation: RRID:Addgene_34611

Insert Name: LAMP1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22053050](#)

Vector Backbone Description: Backbone Size:7400; Vector Backbone:pLJM1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: LAMP1-mRFP-FLAG

Record Creation Time: 20220422T222147+0000

Record Last Update: 20260815T081354+0000

Ratings and Alerts

No rating or validation information has been found for LAMP1-mRFP-FLAG.

No alerts have been found for LAMP1-mRFP-FLAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

De Tito S, et al. (2025) ATG9A and ARFIP2 cooperate to control PI4P levels for lysosomal repair. *Developmental cell*.

Haggerty NR, et al. (2025) NR4A1 is a HIF-dependent repressor of SLC30A10 transcription that controls manganese homeostasis. *The Journal of biological chemistry*, 301(11), 110707.

Omrane M, et al. (2023) LC3B is lipidated to large lipid droplets during prolonged starvation for noncanonical autophagy. *Developmental cell*, 58(14), 1266.

Pero ME, et al. (2021) Pathogenic role of delta 2 tubulin in bortezomib-induced peripheral neuropathy. *Proceedings of the National Academy of Sciences of the United States of America*, 118(4).

Liu K, et al. (2021) SAC1 regulates autophagosomal phosphatidylinositol-4-phosphate for xenophagy-directed bacterial clearance. *Cell reports*, 36(4), 109434.

Almacellas E, et al. (2021) Lysosomal degradation ensures accurate chromosomal segregation to prevent chromosomal instability. *Autophagy*, 17(3), 796.

Chen Q, et al. (2020) BRCA1 Deficiency Impairs Mitophagy and Promotes Inflammasome Activation and Mammary Tumor Metastasis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 7(6), 1903616.

Morel M, et al. (2020) The F-box protein FBXL16 up-regulates the stability of C-MYC oncoprotein by antagonizing the activity of the F-box protein FBW7. *The Journal of biological chemistry*, 295(23), 7970.

Gan L, et al. (2019) The lysosomal GPCR-like protein GPR137B regulates Rag and mTORC1 localization and activity. *Nature cell biology*, 21(5), 614.

Beaumat F, et al. (2019) mTORC1 Activation Requires DRAM-1 by Facilitating Lysosomal Amino Acid Efflux. *Molecular cell*, 76(1), 163.

Latifkar A, et al. (2019) Loss of Sirtuin 1 Alters the Secretome of Breast Cancer Cells by Impairing Lysosomal Integrity. *Developmental cell*, 49(3), 393.

Selyunin AS, et al. (2019) Tamoxifen blocks retrograde trafficking of Shiga toxin 1 and 2 and protects against lethal toxicosis. *Life science alliance*, 2(3).

Walton ZE, et al. (2018) Acid Suspends the Circadian Clock in Hypoxia through Inhibition of mTOR. *Cell*, 174(1), 72.

Nwadike C, et al. (2018) AMPK Inhibits ULK1-Dependent Autophagosome Formation and Lysosomal Acidification via Distinct Mechanisms. *Molecular and cellular biology*, 38(10).

Yap CC, et al. (2018) Degradation of dendritic cargos requires Rab7-dependent transport to somatic lysosomes. *The Journal of cell biology*, 217(9), 3141.

Zogzas CE, et al. (2018) Putative metal binding site in the transmembrane domain of the manganese transporter SLC30A10 is different from that of related zinc transporters. *Metallomics : integrated biometal science*, 10(8), 1053.

Lampada A, et al. (2017) mTORC1-independent autophagy regulates receptor tyrosine kinase phosphorylation in colorectal cancer cells via an mTORC2-mediated mechanism. *Cell death and differentiation*, 24(6), 1045.

Matsumoto A, et al. (2017) mTORC1 and muscle regeneration are regulated by the LINC00961-encoded SPAR polypeptide. *Nature*, 541(7636), 228.

Kuzu OF, et al. (2017) Modulating cancer cell survival by targeting intracellular cholesterol transport. *British journal of cancer*, 117(4), 513.

Serrano D, et al. (2017) GTPase of the Immune-Associated Nucleotide Protein 5 Regulates the Lysosomal Calcium Compartment in T Lymphocytes. *Frontiers in immunology*, 8, 94.