

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

Lamp1-mNeonGreen

RRID:Addgene_98882

Type: Plasmid

Proper Citation

RRID:Addgene_98882

Plasmid Information

URL: <http://www.addgene.org/98882>

Proper Citation: RRID:Addgene_98882

Insert Name: Lamp1

Organism: Synthetic

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Lamp1-mNeonGreen

Record Creation Time: 20220422T222631+0000

Record Last Update: 20260902T050544+0000

Ratings and Alerts

No rating or validation information has been found for Lamp1-mNeonGreen.

No alerts have been found for Lamp1-mNeonGreen.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Bonet-Ponce L, et al. (2025) JIP4 and RILPL1 utilize opposing motor force to dynamically regulate lysosomal tubulation. *The Journal of cell biology*, 224(11).

Douros JD, et al. (2025) A GLP-1 analogue optimized for cAMP-biased signaling improves weight loss in obese mice. *Molecular metabolism*, 100, 102124.

Stephens EB, et al. (2025) The Role of the Tyrosine-Based Sorting Signals of the ORF3a Protein of SARS-CoV-2 in Intracellular Trafficking and Pathogenesis. *Viruses*, 17(4).

Coupland C, et al. (2025) Estrogenic activity of E2-conjugated GLP-1 is mediated by intracellular endolysosomal acidification and estrone metabolism. *Molecular metabolism*, 96, 102136.

Xu Y, et al. (2025) Visualize neuronal membrane cholesterol with split-fluorescent protein tagged YDQA sensor. *Journal of lipid research*, 66(5), 100781.

Bonet-Ponce L, et al. (2024) Opposing actions of JIP4 and RILPL1 provide antagonistic motor force to dynamically regulate membrane reformation during lysosomal tubulation/sorting driven by LRRK2. *bioRxiv : the preprint server for biology*.

Higerd-Rusli GP, et al. (2023) The fates of internalized NaV1.7 channels in sensory neurons: Retrograde cotransport with other ion channels, axon-specific recycling, and degradation. *The Journal of biological chemistry*, 299(1), 102816.

Cason SE, et al. (2023) Axonal transport of autophagosomes is regulated by dynein activators JIP3/JIP4 and ARF/RAB GTPases. *bioRxiv : the preprint server for biology*.

Broadbent DG, et al. (2023) Quantitative analysis of autophagy reveals the role of ATG9 and ATG2 in autophagosome formation. *The Journal of cell biology*, 222(7).

Cason SE, et al. (2022) Spatiotemporal analysis of axonal autophagosome-lysosome dynamics reveals limited fusion events and slow maturation. *Molecular biology of the cell*, 33(13), ar123.

Kim YT, et al. (2022) 21 Fluorescent Protein-Based DNA Staining Dyes. *Molecules (Basel, Switzerland)*, 27(16).

Quarta C, et al. (2022) GLP-1-mediated delivery of tesaglitazar improves obesity and glucose metabolism in male mice. *Nature metabolism*, 4(8), 1071.

Bonet-Ponce L, et al. (2022) The endoplasmic reticulum contributes to lysosomal tubulation/sorting driven by LRRK2. *Molecular biology of the cell*, 33(13), ar124.

Bussi C, et al. (2022) Lysosomal damage drives mitochondrial proteome remodelling and reprograms macrophage immunometabolism. *Nature communications*, 13(1), 7338.