

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pMXs-puro GFP-DFCP1

RRID:Addgene_38269

Type: Plasmid

Proper Citation

RRID:Addgene_38269

Plasmid Information

URL: <http://www.addgene.org/38269>

Proper Citation: RRID:Addgene_38269

Insert Name: Zinc finger FYVE domain-containing protein 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20639694](#)

Vector Backbone Description: Backbone Marker:Dr. Toshio Kitamura of the University of Tokyo ; Backbone Size:6878; Vector Backbone:pMXs-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMXs-puro GFP-DFCP1

Record Creation Time: 20220422T222202+0000

Record Last Update: 20260815T081420+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-puro GFP-DFCP1.

No alerts have been found for pMXs-puro GFP-DFCP1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Roach MK, et al. (2026) Vertical inhibition of the autophagy pathway impairs growth and enhances sensitivity to mTORC1 inhibition in pancreatic ductal adenocarcinoma. bioRxiv : the preprint server for biology.

Martin KR, et al. (2026) Quantitative and temporal analysis of autophagy: Differential Response to amino acid and glucose starvation. PloS one, 21(2), e0340957.

Xue Y, et al. (2026) Translation in proximity to forming autophagosomes during sustained autophagy. Nature communications, 17(1).

Rodriguez MN, et al. (2025) Sex does not influence neuronal autophagosome biogenesis throughout aging in mice. Molecular biology of the cell, 36(11), ar135.

Chen Y, et al. (2025) RAB5 is a host dependency factor for the generation of SARS-CoV-2 replication organelles. mBio, 16(5), e0331424.

Renna FJ, et al. (2023) Ubiquitination Is a Novel Post-Translational Modification of VMP1 in Autophagy of Human Tumor Cells. International journal of molecular sciences, 24(16).

Martin KR, et al. (2023) Quantitative Analysis of Autophagy in Single Cells: Differential Response to Amino Acid and Glucose Starvation. bioRxiv : the preprint server for biology.

Gallagher ER, et al. (2023) The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. Cell reports, 42(2), 112037.

Ryu HY, et al. (2021) GSK3B induces autophagy by phosphorylating ULK1. Experimental & molecular medicine, 53(3), 369.

Castro-Gonzalez S, et al. (2021) HIV-1 Nef counteracts autophagy restriction by enhancing the association between BECN1 and its inhibitor BCL2 in a PRKN-dependent manner. Autophagy, 17(2), 553.

Lim Y, et al. (2021) Palmitate reduces starvation-induced ER stress by inhibiting ER-phagy in hypothalamic cells. Molecular brain, 14(1), 65.

Jung S, et al. (2020) Autophagic death of neural stem cells mediates chronic stress-induced decline of adult hippocampal neurogenesis and cognitive deficits. Autophagy, 16(3), 512.

Tsang T, et al. (2020) Copper is an essential regulator of the autophagic kinases ULK1/2 to drive lung adenocarcinoma. Nature cell biology, 22(4), 412.

Khobreakar NV, et al. (2020) The Dynein Adaptor RILP Controls Neuronal Autophagosome Biogenesis, Transport, and Clearance. Developmental cell, 53(2), 141.

An HK, et al. (2020) CASP9 (caspase 9) is essential for autophagosome maturation through regulation of mitochondrial homeostasis. Autophagy, 16(9), 1598.

Vargas JNS, et al. (2019) Spatiotemporal Control of ULK1 Activation by NDP52 and TBK1 during Selective Autophagy. *Molecular cell*, 74(2), 347.

Stavoe AK, et al. (2019) Expression of WIPI2B counteracts age-related decline in autophagosome biogenesis in neurons. *eLife*, 8.

Smith MD, et al. (2018) CCPG1 Is a Non-canonical Autophagy Cargo Receptor Essential for ER-Phagy and Pancreatic ER Proteostasis. *Developmental cell*, 44(2), 217.

Wong YC, et al. (2018) Mitochondria-lysosome contacts regulate mitochondrial fission via RAB7 GTP hydrolysis. *Nature*, 554(7692), 382.