

Resource Summary Report

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

pMXs-IP-EGFP-ULK1

RRID:Addgene_38193

Type: Plasmid

Proper Citation

RRID:Addgene_38193

Plasmid Information

URL: <http://www.addgene.org/38193>

Proper Citation: RRID:Addgene_38193

Insert Name: a novel protein kinase structurally related to C. elegans UNC-51

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18443221](#)

Vector Backbone Description: Backbone Marker:Dr. Toshio Kitamura of the University of Tokyo ; Backbone Size:5847; Vector Backbone:pMXs-IP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMXs-IP-EGFP-ULK1

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260902T045352+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-IP-EGFP-ULK1.

No alerts have been found for pMXs-IP-EGFP-ULK1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Bui V, et al. (2024) Blocking autophagosome closure manifests the roles of mammalian Atg8-family proteins in phagophore formation and expansion during nutrient starvation. Autophagy.

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

Wang B, et al. (2019) ULK1 and ULK2 Regulate Stress Granule Disassembly Through Phosphorylation and Activation of VCP/p97. Molecular cell, 74(4), 742.

Joshi A, et al. (2016) Nuclear ULK1 promotes cell death in response to oxidative stress through PARP1. Cell death and differentiation, 23(2), 216.

Mesquita A, et al. (2015) Dissecting the function of Atg1 complex in Dictyostelium autophagy reveals a connection with the pentose phosphate pathway enzyme transketolase. Open biology, 5(8).

Lazarou M, et al. (2015) The ubiquitin kinase PINK1 recruits autophagy receptors to induce mitophagy. Nature, 524(7565), 309.