

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

pMXs-IP-EGFP-ULK1(K46N)

RRID:Addgene_38197

Type: Plasmid

Proper Citation

RRID:Addgene_38197

Plasmid Information

URL: <http://www.addgene.org/38197>

Proper Citation: RRID:Addgene_38197

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(K46N)

Relevant Mutation: changed Lysine 46 to Asparagine

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081420+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-IP-EGFP-ULK1(K46N).

No alerts have been found for pMXs-IP-EGFP-ULK1(K46N).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Brooks CR, et al. (2015) KIM-1-/TIM-1-mediated phagocytosis links ATG5-/ULK1-dependent clearance of apoptotic cells to antigen presentation. The EMBO journal, 34(19), 2441.

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).