

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## pcdna6.2- myc ULK1 wt

RRID:Addgene\_27629

Type: Plasmid

### Proper Citation

RRID:Addgene\_27629

### Plasmid Information

**URL:** <http://www.addgene.org/27629>

**Proper Citation:** RRID:Addgene\_27629

**Insert Name:** mouse myc ULK1

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:21205641](#)

**Vector Backbone Description:** Backbone Size:7341; Vector Backbone:pcDNA 6.2 V5 dest (Invitrogen); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** C-term V5 not expressed because of stop codon at end of ULK1.

**Plasmid Name:** pcdna6.2- myc ULK1 wt

**Relevant Mutation:** Initial M from ULK1 removed. Silent mutation at Arginine 5. Does not affect amino acid sequence.

**Record Creation Time:** 20220422T222124+0000

**Record Last Update:** 20260725T074520+0000

### Ratings and Alerts

No rating or validation information has been found for pcdna6.2- myc ULK1 wt.

No alerts have been found for pcdna6.2- myc ULK1 wt.

### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Guha P, et al. (2019) IPMK Mediates Activation of ULK Signaling and Transcriptional Regulation of Autophagy Linked to Liver Inflammation and Regeneration. Cell reports, 26(10), 2692.

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

Jeong YT, et al. (2018) The ULK1-FBXW5-SEC23B nexus controls autophagy. eLife, 7.

Ruan HB, et al. (2017) Calcium-dependent O-GlcNAc signaling drives liver autophagy in adaptation to starvation. Genes & development, 31(16), 1655.

Pei G, et al. (2017) The E3 ubiquitin ligase NEDD4 enhances killing of membrane-perturbing intracellular bacteria by promoting autophagy. Autophagy, 13(12), 2041.