

# Resource Summary Report

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

## pCI-neo-hApg5-HA

RRID:Addgene\_22948

Type: Plasmid

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### Proper Citation

RRID:Addgene\_22948

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### Plasmid Information

**URL:** <http://www.addgene.org/22948>

**Proper Citation:** RRID:Addgene\_22948

**Insert Name:** Homo sapiens ATG5 autophagy related 5 homolog (S. cerevisiae)

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:9852036](#)

**Vector Backbone Description:** Backbone Marker:Promega; Backbone Size:5472; Vector Backbone:pCI-neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pCI-neo-hApg5-HA

**Record Creation Time:** 20220422T222102+0000

**Record Last Update:** 20260725T074437+0000

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### Ratings and Alerts

No rating or validation information has been found for pCI-neo-hApg5-HA.

No alerts have been found for pCI-neo-hApg5-HA.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Feng X, et al. (2021) Hypoxia-induced acetylation of PAK1 enhances autophagy and promotes brain tumorigenesis via phosphorylating ATG5. *Autophagy*, 17(3), 723.

Song H, et al. (2018) Crosstalk between lysine methylation and phosphorylation of ATG16L1 dictates the apoptosis of hypoxia/reoxygenation-induced cardiomyocytes. *Autophagy*, 14(5), 825.

Shroff A, et al. (2018) Autophagy gene ATG5 knockdown upregulates apoptotic cell death during *Candida albicans* infection in human vaginal epithelial cells. *American journal of reproductive immunology* (New York, N.Y. : 1989), 80(6), e13056.

Cristofani R, et al. (2018) Dual role of autophagy on docetaxel-sensitivity in prostate cancer cells. *Cell death & disease*, 9(9), 889.

Schnöder L, et al. (2016) Deficiency of Neuronal p38 $\gamma$  MAPK Attenuates Amyloid Pathology in Alzheimer Disease Mouse and Cell Models through Facilitating Lysosomal Degradation of BACE1. *The Journal of biological chemistry*, 291(5), 2067.

Ra EA, et al. (2016) TRIM31 promotes Atg5/Atg7-independent autophagy in intestinal cells. *Nature communications*, 7, 11726.

Döring T, et al. (2015) Rab33B and its autophagic Atg5/12/16L1 effector assist in hepatitis B virus naked capsid formation and release. *Cellular microbiology*, 17(5), 747.

Xia M, et al. (2014) Mitophagy enhances oncolytic measles virus replication by mitigating DDX58/RIG-I-like receptor signaling. *Journal of virology*, 88(9), 5152.

Meng G, et al. (2014) Mitophagy promotes replication of oncolytic Newcastle disease virus by blocking intrinsic apoptosis in lung cancer cells. *Oncotarget*, 5(15), 6365.