

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

pCI HA NEDD4

RRID:Addgene_27002

Type: Plasmid

Proper Citation

RRID:Addgene_27002

Plasmid Information

URL: <http://www.addgene.org/27002>

Proper Citation: RRID:Addgene_27002

Insert Name: NEDD4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19917253](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pCI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCI HA NEDD4

Record Creation Time: 20220422T222121+0000

Record Last Update: 20260912T092526+0000

Ratings and Alerts

No rating or validation information has been found for pCI HA NEDD4.

No alerts have been found for pCI HA NEDD4.

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 [NIF](#) .

Xu L, et al. (2024) PHB2 promotes SHIP2 ubiquitination via the E3 ligase NEDD4 to regulate AKT signaling in gastric cancer. *Journal of experimental & clinical cancer research* : CR, 43(1), 17.

Marziali F, et al. (2023) A Proteomics-Based Approach Identifies the NEDD4 Adaptor NDFIP2 as an Important Regulator of Ifitm3 Levels. *Viruses*, 15(10).

Jiang X, et al. (2021) Control of ribosomal protein synthesis by the Microprocessor complex. *Science signaling*, 14(671).

Hatstat AK, et al. (2021) Characterization of Small-Molecule-Induced Changes in Parkinson's-Related Trafficking via the Nedd4 Ubiquitin Signaling Cascade. *Cell chemical biology*, 28(1), 14.

Liu J, et al. (2020) PPAR γ induces NEDD4 gene expression to promote autophagy and insulin action. *The FEBS journal*, 287(3), 529.

Lee S, et al. (2019) Nedd4 E3 ligase and beta-arrestins regulate ubiquitination, trafficking, and stability of the mGlu7 receptor. *eLife*, 8.

Barber KW, et al. (2018) Encoding human serine phosphopeptides in bacteria for proteome-wide identification of phosphorylation-dependent interactions. *Nature biotechnology*, 36(7), 638.

Kim S, et al. (2018) Protein kinase CK2 activation is required for transforming growth factor β -induced epithelial-mesenchymal transition. *Molecular oncology*, 12(10), 1811.

Suen KM, et al. (2018) Phosphorylation of threonine residues on Shc promotes ligand binding and mediates crosstalk between MAPK and Akt pathways in breast cancer cells. *The international journal of biochemistry & cell biology*, 94, 89.

Tran MH, et al. (2018) NEDD4-induced degradative ubiquitination of phosphatidylinositol 4-phosphate 5-kinase β and its implication in breast cancer cell proliferation. *Journal of cellular and molecular medicine*, 22(9), 4117.

Park HJ, et al. (2017) The ER retention protein RER1 promotes alpha-synuclein degradation via the proteasome. *PloS one*, 12(9), e0184262.

Totland MZ, et al. (2017) The E3 ubiquitin ligase NEDD4 induces endocytosis and lysosomal sorting of connexin 43 to promote loss of gap junctions. *Journal of cell science*, 130(17), 2867.

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

Liu J, et al. (2016) Cdh1 inhibits WWP2-mediated ubiquitination of PTEN to suppress tumorigenesis in an APC-independent manner. *Cell discovery*, 2, 15044.

Noyes NC, et al. (2016) Regulation of Itch and Nedd4 E3 Ligase Activity and Degradation by LRAD3. *Biochemistry*, 55(8), 1204.

Aleidi SM, et al. (2015) The E3 ubiquitin ligases, HUWE1 and NEDD4-1, are involved in the post-translational regulation of the ABCG1 and ABCG4 lipid transporters. *The Journal of biological chemistry*, 290(40), 24604.

Chesarino NM, et al. (2015) E3 Ubiquitin Ligase NEDD4 Promotes Influenza Virus Infection by Decreasing Levels of the Antiviral Protein IFITM3. *PLoS pathogens*, 11(8), e1005095.

Liu J, et al. (2014) SCF(β -TRCP)-mediated degradation of NEDD4 inhibits tumorigenesis through modulating the PTEN/Akt signaling pathway. *Oncotarget*, 5(4), 1026.

Eide PW, et al. (2013) NEDD4 is overexpressed in colorectal cancer and promotes colonic cell growth independently of the PI3K/PTEN/AKT pathway. *Cellular signalling*, 25(1), 12.