

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

pRK5-HA-Ubiquitin-WT

RRID:Addgene_17608

Type: Plasmid

Proper Citation

RRID:Addgene_17608

Plasmid Information

URL: <http://www.addgene.org/17608>

Proper Citation: RRID:Addgene_17608

Insert Name: Ubiquitin C

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15728840](https://pubmed.ncbi.nlm.nih.gov/15728840/)

Vector Backbone Description: Backbone Size:4800; Vector Backbone:pRK5-HA; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The wild-type ubiquitin sequence in this plasmid is: MQIFVKLTG
KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV
LRLRGG

Plasmid Name: pRK5-HA-Ubiquitin-WT

Record Creation Time: 20220422T222017+0000

Record Last Update: 20220422T223346+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-HA-Ubiquitin-WT.

No alerts have been found for pRK5-HA-Ubiquitin-WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Pan Q, et al. (2024) Periodic changes of cyclin D1 mRNA stability are regulated by PC4 modifications in the cell cycle. *The Journal of cell biology*, 223(3).

van Huizen M, et al. (2024) Deubiquitinating activity of SARS-CoV-2 papain-like protease does not influence virus replication or innate immune responses in vivo. *PLoS pathogens*, 20(3), e1012100.

Hermosilla VE, et al. (2024) Casein kinase 2 phosphorylates and induces the SALL2 tumor suppressor degradation in colon cancer cells. *Cell death & disease*, 15(3), 223.

Chen Y, et al. (2024) DUB3 is a MAGEA3 deubiquitinase and a potential therapeutic target in hepatocellular carcinoma. *iScience*, 27(3), 109181.

Jeong W, et al. (2024) Retinoic acid-induced protein 14 links mechanical forces to Hippo signaling. *EMBO reports*, 25(9), 4033.

McCormick LE, et al. (2024) Multi-monoubiquitylation controls VASP-mediated actin dynamics. *Journal of cell science*, 137(2).

Schiefer S, et al. (2024) Proximal protein landscapes of the type I interferon signaling cascade reveal negative regulation by PJA2. *Nature communications*, 15(1), 4484.

Sun Y, et al. (2024) Oncolytic Newcastle disease virus induced degradation of YAP through E3 ubiquitin ligase PRKN to exacerbate ferroptosis in tumor cells. *Journal of virology*, 98(3), e0189723.

Kim YH, et al. (2024) Inhibition of VHL by VH298 Accelerates Pexophagy by Activation of HIF-1? in HeLa Cells. *Molecules (Basel, Switzerland)*, 29(2).

Yang W, et al. (2024) Targeting SNRNP200-induced splicing dysregulation offers an immunotherapy opportunity for glycolytic triple-negative breast cancer. *Cell discovery*, 10(1), 96.

Lee D, et al. (2024) Diabetic sensory neuropathy and insulin resistance are induced by loss of UCHL1 in *Drosophila*. *Nature communications*, 15(1), 468.

Xia J, et al. (2024) An apicoplast-localized deubiquitinase contributes to the cell growth and apicoplast homeostasis of *Toxoplasma gondii*. *Veterinary research*, 55(1), 10.

Xu H, et al. (2024) FLOT2 promotes nasopharyngeal carcinoma progression through suppression of TGF- β pathway via facilitating CD109 expression. *iScience*, 27(1), 108580.

Li Y, et al. (2024) RNF166 promotes colorectal cancer progression by recognizing and destabilizing poly-ADP-ribosylated angiomotins. *Cell death & disease*, 15(3), 211.

Caballero-Oteyza A, et al. (2024) OTULIN-related conditions: Report of a new case and review of the literature using GenIA. *Research square*.

Jin B, et al. (2024) SCFFBXW11 Complex Targets Interleukin-17 Receptor A for Ubiquitin-Proteasome-Mediated Degradation. *Biomedicines*, 12(4).

Chen Z, et al. (2024) Suppression of Skp2 contributes to sepsis-induced acute lung injury by enhancing ferroptosis through the ubiquitination of SLC3A2. *Cellular and molecular life sciences : CMLS*, 81(1), 325.

Xu P, et al. (2024) Proteostasis perturbation of N-Myc leveraging HSP70 mediated protein turnover improves treatment of neuroendocrine prostate cancer. *Nature communications*, 15(1), 6626.

Yang S, et al. (2024) The GATOR2 complex maintains lysosomal-autophagic function by inhibiting the protein degradation of MiT/TFEs. *Molecular cell*, 84(4), 727.

Duan C, et al. (2024) The unusual gene architecture of polyubiquitin is created by dual-specific splice sites. *Genome biology*, 25(1), 33.