

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pRK5-HA-Ubiquitin-K29

RRID:Addgene_22903

Type: Plasmid

Proper Citation

RRID:Addgene_22903

Plasmid Information

URL: <http://www.addgene.org/22903>

Proper Citation: RRID:Addgene_22903

Insert Name: Ubiquitin C

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19816571](#)

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

Plasmid Name: pRK5-HA-Ubiquitin-K29

Relevant Mutation: K29 only, all other lysines mutated to arginines

Record Creation Time: 20220422T222102+0000

Record Last Update: 20260902T044404+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-HA-Ubiquitin-K29.

No alerts have been found for pRK5-HA-Ubiquitin-K29.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Zhou Y, et al. (2025) NUDT16 enhances the resistance of cancer cells to DNA-damaging agents by regulating replication fork stability via reversing HMGA1 ADP-ribosylation. The Journal of biological chemistry, 301(6), 108551.

Cao J, et al. (2025) USP2-mediated PPAR γ stabilization promotes hepatocellular carcinoma progression and M2 macrophage polarization via oleic acid. Journal for immunotherapy of cancer, 13(11).

Shen N, et al. (2025) HSPA9 contributes to tumor progression and ferroptosis resistance by enhancing USP14-driven SLC7A11 deubiquitination in multiple myeloma. Cell reports, 44(5), 115720.

Chathuranga K, et al. (2025) The E3 ubiquitin ligase MARCH2 controls TNF- α mediated inflammation by autoubiquitination. Cell communication and signaling : CCS, 23(1), 257.

Lubyova B, et al. (2025) UBE2O, a host ubiquitin-conjugating enzyme, is a key regulator of hepatitis B virus maturation and egress. The Journal of biological chemistry, 301(11), 110750.

Xu H, et al. (2025) CUL1-neddylation contributes to K29-linked ubiquitination on p27 for autophagic degradation in sorafenib-resistant liver cancer. Cell biology and toxicology, 41(1), 61.

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.

Xia M, et al. (2024) UBR1 promotes anaplastic thyroid carcinoma progression via stabilizing YAP through monoubiquitylation. Scientific reports, 14(1), 19496.

Li X, et al. (2024) Kumujan B suppresses TNF- α -induced inflammatory response and alleviates experimental colitis in mice. Frontiers in pharmacology, 15, 1427340.

Chen Y, et al. (2024) HSV-1-induced N6-methyladenosine reprogramming via ICP0-mediated suppression of METTL14 potentiates oncolytic activity in glioma. Cell reports, 43(10), 114756.

Mijatovic E, et al. (2024) Cellular turnover and degradation of the most common missense cystathionine beta-synthase variants causing homocystinuria. Protein science : a publication of the Protein Society, 33(8), e5123.

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

Teo QW, et al. (2023) Usp25-Erlin1/2 activity limits cholesterol flux to restrict virus infection. Developmental cell, 58(22), 2495.

Celada SI, et al. (2023) Lysosome-dependent FOXA1 ubiquitination contributes to luminal lineage of advanced prostate cancer. *Molecular oncology*, 17(10), 2126.

Lee S, et al. (2022) Epstein-Barr Virus Viral Processivity Factor EA-D Facilitates Virus Lytic Replication by Inducing Poly(ADP-Ribose) Polymerase 1 Degradation. *Journal of virology*, 96(21), e0037122.

Koganti P, et al. (2022) The E3 ubiquitin ligase SMURF2 stabilizes RNA editase ADAR1p110 and promotes its adenosine-to-inosine (A-to-I) editing function. *Cellular and molecular life sciences : CMLS*, 79(5), 237.

Wang YT, et al. (2022) K48/K63-linked polyubiquitination of ATG9A by TRAF6 E3 ligase regulates oxidative stress-induced autophagy. *Cell reports*, 38(8), 110354.

Yang B, et al. (2021) Negative Regulation of RNF90 on RNA Virus-Triggered Antiviral Immune Responses Targeting MAVS. *Frontiers in immunology*, 12, 730483.

Baek SH, et al. (2021) AMBRA1 Negatively Regulates the Function of ALDH1B1, a Cancer Stem Cell Marker, by Controlling Its Ubiquitination. *International journal of molecular sciences*, 22(21).

Li T, et al. (2021) RNF167 activates mTORC1 and promotes tumorigenesis by targeting CASTOR1 for ubiquitination and degradation. *Nature communications*, 12(1), 1055.