

Resource Summary Report

Generated by [nidm-terms](#) on Aug 14, 2026

pRK5-HA-Ubiquitin-K29R

RRID:Addgene_17602

Type: Plasmid

Proper Citation

RRID:Addgene_17602

Plasmid Information

URL: <http://www.addgene.org/17602>

Proper Citation: RRID:Addgene_17602

Insert Name: Ubiquitin C

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15728840](#)

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

Comments: Please note that Addgene's sequencing results identified a V5 deletion in the ubiquitin sequence. This deletion was not intentional, but was present in the original source clone from which this plasmid was created (see associated publication for details).

Plasmid Name: pRK5-HA-Ubiquitin-K29R

Relevant Mutation: K29R; V5 deleted

Record Creation Time: 20220422T222016+0000

Record Last Update: 20260808T081301+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-HA-Ubiquitin-K29R.

No alerts have been found for pRK5-HA-Ubiquitin-K29R.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

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.

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.

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

Langerov?? H, et al. (2020) Hepatitis B Core Protein Is Post-Translationally Modified through K29-Linked Ubiquitination. *Cells*, 9(12).

Yan Y, et al. (2020) The deubiquitinase USP36 Regulates DNA replication stress and confers therapeutic resistance through PrimPol stabilization. *Nucleic acids research*, 48(22), 12711.

Gassen NC, et al. (2019) SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. *Nature communications*, 10(1), 5770.

Liu X, et al. (2017) Orthogonal ubiquitin transfer identifies ubiquitination substrates under differential control by the two ubiquitin activating enzymes. *Nature communications*, 8, 14286.

Birsa N, et al. (2014) Lysine 27 ubiquitination of the mitochondrial transport protein Miro is dependent on serine 65 of the Parkin ubiquitin ligase. *The Journal of biological chemistry*, 289(21), 14569.

Xu C, et al. (2014) Regulation of autophagy by E3 ubiquitin ligase RNF216 through BECN1 ubiquitination. *Autophagy*, 10(12), 2239.