

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 6, 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:** 20260905T075244+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-neddylaton 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.