

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

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](#)

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: MQIFVKTLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG

Plasmid Name: pRK5-HA-Ubiquitin-WT

Record Creation Time: 20220422T222017+0000

Record Last Update: 20260815T081054+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

Usage and Citation Metrics

We found 278 mentions in open access literature.

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

Delobel V, et al. (2026) Endothelial TRIM47 regulates blood-brain barrier integrity and cognition via the KEAP1/NRF2 signalling pathway in mice. *Communications biology*, 9(1).

Kim TY, et al. (2026) Improved efficiency of protein aggregate removal using ubiquitin with a signal peptide. *BMB reports*, 59(3), 187.

Zheng Z, et al. (2026) Targeting PGAM5-driven mitochondrial integrated stress response slows ALS progression across subtypes. *Neuron*, 114(12), 2109.

Lin JY, et al. (2026) STUB1-VCP/p97 complex regulates mitophagy via fine-tuning of PINK1 levels. *Cell reports*, 45(4), 117183.

Xiang Q, et al. (2026) Ubiquitin ligase ITCH regulates life cycle of SARS-CoV-2 virus. *eLife*, 14.

Vázquez-Utrilla P, et al. (2026) Tripartite motif-containing 34 (TRIM34) protein interacts with the nucleocytoplasmic transport machinery and negatively modulates antiviral responses. *PLoS pathogens*, 22(5), e1014142.

Guan B, et al. (2026) TRIM21-Mediated ubiquitination of FBL suppresses PI3K/AKT signaling and tumor progression in clear cell renal cell carcinoma. *Cellular and molecular life sciences : CMLS*, 83(1).

Ho CT, et al. (2025) Coro1A and TRIM67 collaborate in netrin-dependent neuronal morphogenesis. *The Journal of cell biology*, 224(12).

Mennerich D, et al. (2025) The E3 ubiquitin ligase DTX3L and the deubiquitinase USP28 fine-tune DNA repair through mutual regulation of their protein levels. *iScience*, 28(8), 112990.

Radi? B, et al. (2025) Ubiquitination Regulates Reorganization of the Membrane System During Cytomegalovirus Infection. *Life (Basel, Switzerland)*, 15(8).

Thakur S, et al. (2025) TRIM32 regulates insulin sensitivity by controlling insulin receptor degradation in the liver. *EMBO reports*, 26(3), 791.

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.

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

Tran PL, et al. (2025) SDCBP/Syntenin-1 stabilizes BACH1 by disassembling the SCFFBXO22-BACH1 complex in triple-negative breast cancer. *The EMBO journal*, 44(11), 3085.

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.

Narendradev ND, et al. (2025) Endosomal RFFL ubiquitin ligase regulates mitochondrial morphology by targeting mitofusin 2. *Journal of cell science*, 138(12).

Perrard J, et al. (2025) Deltex and RING-UIM E3 ligases cooperate to create a ubiquitin-ADP-ribose hybrid mark on tankyrase, promoting its stabilization. *Science advances*, 11(36), eadx7172.

Ham SJ, et al. (2025) Mitochondrial fumarate inhibits Parkin-mediated mitophagy. *Molecular cell*, 85(12), 2287.

Fernandes SA, et al. (2025) The tumor suppressor CYLD acts as a deubiquitinase for mTOR to constrain its activity. *bioRxiv : the preprint server for biology*.

Wu M, et al. (2025) The E3 ubiquitin ligase SIAH1 targets a bacterial pore-forming toxin to facilitate xenophagy. *Cell reports*, 44(9), 116257.