Resource Summary Report

Generated by RRID on Aug 27, 2026

pcDNA3-myc-CUL5

RRID:Addgene_19895
Type: Plasmid

Proper Citation

RRID:Addgene_19895

Plasmid Information

URL: http://www.addgene.org/19895

Proper Citation: RRID:Addgene_19895

Insert Name: cullin 5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:10230407

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5437; Vector Backbone:pcDNA3-myc; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-myc-CUL5

Record Creation Time: 20220422T222048+0000

Record Last Update: 20260815T081149+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-myc-CUL5.

No alerts have been found for pcDNA3-myc-CUL5.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Baptista SJS, et al. (2025) CSP ubiquitylation favours Plasmodium berghei survival during early liver stage infection. Scientific reports, 15(1), 14498.

Chen S, et al. (2023) Cullin-5 deficiency orchestrates the tumor microenvironment to promote mammary tumor development through CREB1-CCL2 signaling. Science advances, 9(3), eabq1395.

Wang Q, et al. (2022) Post-translational control of beige fat biogenesis by PRDM16 stabilization. Nature, 609(7925), 151.

Yin C, et al. (2021) Proteolysis of ?-tubulin small complex proteins is mediated by the ubiquitin-proteasome system. FEBS letters, 595(15), 1987.

Bayraktar G, et al. (2020) Synaptic control of DNA methylation involves activity-dependent degradation of DNMT3A1 in the nucleus. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 45(12), 2120.

Gao C, et al. (2019) Molecular basis of cullin-3 (Cul3) ubiquitin ligase subversion by vaccinia virus protein A55. The Journal of biological chemistry, 294(16), 6416.

Pallett MA, et al. (2019) Vaccinia Virus BBK E3 Ligase Adaptor A55 Targets Importin-Dependent NF-?B Activation and Inhibits CD8+ T-Cell Memory. Journal of virology, 93(10).

Gu Q, et al. (2018) Identification of a Conserved Interface of Human Immunodeficiency Virus Type 1 and Feline Immunodeficiency Virus Vifs with Cullin 5. Journal of virology, 92(6).

Zhou W, et al. (2018) UBE2M Is a Stress-Inducible Dual E2 for Neddylation and Ubiquitylation that Promotes Targeted Degradation of UBE2F. Molecular cell, 70(6), 1008.

Mudhasani R, et al. (2016) Protein Kinase R Degradation Is Essential for Rift Valley Fever Virus Infection and Is Regulated by SKP1-CUL1-F-box (SCF)FBXW11-NSs E3 Ligase. PLoS pathogens, 12(2), e1005437.

Pentecost M, et al. (2015) Evidence for ubiquitin-regulated nuclear and subnuclear trafficking among Paramyxovirinae matrix proteins. PLoS pathogens, 11(3), e1004739.

Petsalaki E, et al. (2014) Chk1 protects against chromatin bridges by constitutively phosphorylating BLM serine 502 to inhibit BLM degradation. Journal of cell science, 127(Pt 18), 3902.