

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pcDNA3-myc3-CUL2

RRID:Addgene_19892

Type: Plasmid

Proper Citation

RRID:Addgene_19892

Plasmid Information

URL: <http://www.addgene.org/19892>

Proper Citation: RRID:Addgene_19892

Insert Name: cullin 2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10230407](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5437; Vector Backbone:pcDNA3-myc3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-myc3-CUL2

Record Creation Time: 20220422T222048+0000

Record Last Update: 20260725T074414+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-myc3-CUL2.

No alerts have been found for pcDNA3-myc3-CUL2.

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 [NIF](#) .

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

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

Ng ASN, et al. (2022) AKTIP loss is enriched in ER α -positive breast cancer for tumorigenesis and confers endocrine resistance. Cell reports, 41(11), 111821.

Yin C, et al. (2021) Proteolysis of γ -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.

Faull SV, et al. (2019) Structural basis of Cullin 2 RING E3 ligase regulation by the COP9 signalosome. Nature communications, 10(1), 3814.

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.

Cukras S, et al. (2014) Inactivating UBE2M impacts the DNA damage response and genome integrity involving multiple cullin ligases. PloS one, 9(7), e101844.

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.