

# Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

## pcDNA3-DN-hCUL4A-FLAG

RRID:Addgene\_15821

Type: Plasmid

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### Proper Citation

RRID:Addgene\_15821

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### Plasmid Information

**URL:** <http://www.addgene.org/15821>

**Proper Citation:** RRID:Addgene\_15821

**Insert Name:** Cullin4A

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:16338364](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** C-terminal truncation of hCul4A: amino acids 1-440.

**Plasmid Name:** pcDNA3-DN-hCUL4A-FLAG

**Relevant Mutation:** Dominant negative: N440

**Record Creation Time:** 20220422T221856+0000

**Record Last Update:** 20260815T080814+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-DN-hCUL4A-FLAG.

No alerts have been found for pcDNA3-DN-hCUL4A-FLAG.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Shim T, et al. (2024) Cullin-RING E3 ubiquitin ligase 4 regulates neurite morphogenesis during neurodevelopment. *iScience*, 27(2), 108933.

Yasukawa T, et al. (2020) NRBP1-Containing CRL2/CRL4A Regulates Amyloid ? Production by Targeting BRI2 and BRI3 for Degradation. *Cell reports*, 30(10), 3478.

Wang D, et al. (2019) ?-TrCP-mediated ubiquitination and degradation of Dlg5 regulates hepatocellular carcinoma cell proliferation. *Cancer cell international*, 19, 298.

Kumaraswamy A, et al. (2018) The non-enzymatic RAS effector RASSF7 inhibits oncogenic c-Myc function. *The Journal of biological chemistry*, 293(40), 15691.

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.

Chang TH, et al. (2016) Regulation of the Abundance of Kaposi's Sarcoma-Associated Herpesvirus ORF50 Protein by Oncoprotein MDM2. *PLoS pathogens*, 12(10), e1005918.

Chen YA, et al. (2015) The Cullin 4A/B-DDB1-Cereblon E3 Ubiquitin Ligase Complex Mediates the Degradation of CLC-1 Chloride Channels. *Scientific reports*, 5, 10667.

Lo YH, et al. (2012) Epidermal growth factor receptor protects proliferating cell nuclear antigen from cullin 4A protein-mediated proteolysis. *The Journal of biological chemistry*, 287(32), 27148.

Shamay M, et al. (2010) De novo DNA methyltransferase DNMT3b interacts with NEDD8-modified proteins. *The Journal of biological chemistry*, 285(47), 36377.

Miranda-Carboni GA, et al. (2008) A functional link between Wnt signaling and SKP2-independent p27 turnover in mammary tumors. *Genes & development*, 22(22), 3121.