

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

pmGFP-ADAR1-p150

RRID:Addgene_117927

Type: Plasmid

Proper Citation

RRID:Addgene_117927

Plasmid Information

URL: <http://www.addgene.org/117927>

Proper Citation: RRID:Addgene_117927

Insert Name: ADAR1-p150

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28208661](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pmGFP-ADAR1-p150

Record Creation Time: 20220422T221617+0000

Record Last Update: 20260815T080259+0000

Ratings and Alerts

No rating or validation information has been found for pmGFP-ADAR1-p150.

No alerts have been found for pmGFP-ADAR1-p150.

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 [PRECISE-TBI](#) .

Deng X, et al. (2025) Biochemical profiling and structural basis of ADAR1-mediated RNA editing. *Molecular cell*, 85(7), 1381.

Chabanon RM, et al. (2025) Autocrine interferon poisoning mediates ADAR1-dependent synthetic lethality in BRCA1/2-mutant cancers. *Nature communications*, 16(1), 6972.

Xu P, et al. (2025) A loss-of-function human ADAR variant activates innate immune response and promotes bowel inflammation. *Nature communications*, 16(1), 8560.

Manjunath L, et al. (2025) Cooperative role of PACT and ADAR1 in preventing aberrant PKR activation by self-derived double-stranded RNA. *Nature communications*, 16(1), 3246.

Parchure A, et al. (2025) ADAR1 p150 prevents HSV-1 from triggering PKR/eIF2 γ -mediated translational arrest and is required for efficient viral replication. *PLoS pathogens*, 21(4), e1012452.

van Gemert F, et al. (2024) ADARp150 counteracts whole genome duplication. *Nucleic acids research*, 52(17), 10370.

Yang H, et al. (2024) ADAR1 prevents ZBP1-dependent PANoptosis via A-to-I RNA editing in developmental sevoflurane neurotoxicity. *Cell biology and toxicology*, 40(1), 57.

Gayet RV, et al. (2023) Autocatalytic base editing for RNA-responsive translational control. *Nature communications*, 14(1), 1339.

Riella CV, et al. (2022) ADAR regulates APOL1 via A-to-I RNA editing by inhibition of MDA5 activation in a paradoxical biological circuit. *Proceedings of the National Academy of Sciences of the United States of America*, 119(44), e2210150119.

Stok JE, et al. (2022) RNA sensing via the RIG-I-like receptor LGP2 is essential for the induction of a type I IFN response in ADAR1 deficiency. *The EMBO journal*, 41(6), e109760.

Qian Y, et al. (2022) Programmable RNA sensing for cell monitoring and manipulation. *Nature*, 610(7933), 713.

Ma C, et al. (2020) Circular RNA hsa_circ_0004872 inhibits gastric cancer progression via the miR-224/Smad4/ADAR1 successive regulatory circuit. *Molecular cancer*, 19(1), 157.