Resource Summary Report

Generated by PRECISE-TBI on Aug 11, 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: 20260808T080541+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??-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.