Resource Summary Report

Generated by PRECISE-TBI on Aug 28, 2026

pcDNA4-ATR-M

RRID:Addgene_53768
Type: Plasmid

Proper Citation

RRID:Addgene_53768

Plasmid Information

URL: http://www.addgene.org/53768

Proper Citation: RRID:Addgene_53768

Insert Name: ATR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:12011431

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA4.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: *R1631H polymorphism--not known to affect function

Plasmid Name: pcDNA4-ATR-M

Relevant Mutation: middle domain, aa 593-1700*

Record Creation Time: 20220422T222315+0000

Record Last Update: 20260815T081634+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA4-ATR-M.

No alerts have been found for pcDNA4-ATR-M.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Marx C, et al. (2025) DNA damage response regulator ATR licenses PINK1-mediated mitophagy. Nucleic acids research, 53(5).

Yu R, et al. (2022) LncRNA CTBP1-DT-encoded microprotein DDUP sustains DNA damage response signalling to trigger dual DNA repair mechanisms. Nucleic acids research, 50(14), 8060.