

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

Pin1

RRID:Addgene_40773

Type: Plasmid

Proper Citation

RRID:Addgene_40773

Plasmid Information

URL: <http://www.addgene.org/40773>

Proper Citation: RRID:Addgene_40773

Insert Name: Pin1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5200; Vector Backbone:pMCSG7; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Pin1

Relevant Mutation: Starting Met removed

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260912T092657+0000

Ratings and Alerts

No rating or validation information has been found for Pin1.

No alerts have been found for Pin1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Chauhan AS, et al. (2025) PIN1-SUMO2/3 motif suppresses excessive RNF168 chromatin accumulation and ubiquitin signaling to promote IR resistance. *Nature communications*, 16(1), 3399.

Williams CC, et al. (2025) A tethering mechanism underlies Pin1-catalyzed proline cis-trans isomerization at a noncanonical site. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2414606122.

Kay DF, et al. (2024) Dissecting the functional behavior of the differentially phosphorylated prolyl isomerase, Pin1. *Protein science : a publication of the Protein Society*, 33(9), e5138.

Williams CC, et al. (2024) A tethering mechanism underlies Pin1-catalyzed proline cis-trans isomerization at a noncanonical site. *bioRxiv : the preprint server for biology*.

Wang J, et al. (2019) Prolyl isomerization of FAAP20 catalyzed by PIN1 regulates the Fanconi anemia pathway. *PLoS genetics*, 15(2), e1007983.

Suen KM, et al. (2018) Phosphorylation of threonine residues on Shc promotes ligand binding and mediates crosstalk between MAPK and Akt pathways in breast cancer cells. *The international journal of biochemistry & cell biology*, 94, 89.