

Resource Summary Report

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

GST-Pin1

RRID:Addgene_19027

Type: Plasmid

Proper Citation

RRID:Addgene_19027

Plasmid Information

URL: <http://www.addgene.org/19027>

Proper Citation: RRID:Addgene_19027

Insert Name: Pin1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9395400](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:unknown; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: GST-Pin1

Record Creation Time: 20220422T222044+0000

Record Last Update: 20260912T092417+0000

Ratings and Alerts

No rating or validation information has been found for GST-Pin1.

No alerts have been found for GST-Pin1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Ozleyen A, et al. (2025) Identification and inhibition of PIN1-NRF2 protein-protein interactions through computational and biophysical approaches. *Scientific reports*, 15(1), 8907.

Saritas Erdogan S, et al. (2024) PIN1 is a novel interaction partner and a negative upstream regulator of the transcription factor NFIB. *FEBS letters*.

Maggio J, et al. (2022) Rational design of PIN1 inhibitors for cancer treatment based on conformational diversity analysis and docking based virtual screening. *Journal of biomolecular structure & dynamics*, 40(13), 5858.

Kumari A, et al. (2021) Phosphorylation and Pin1 binding to the LIC1 subunit selectively regulate mitotic dynein functions. *The Journal of cell biology*, 220(12).

Delgado JY, et al. (2020) An Alternative Pin1 Binding and Isomerization Site in the N-Terminus Domain of PSD-95. *Frontiers in molecular neuroscience*, 13, 31.

Delgado JY, et al. (2020) Pin1 Binding to Phosphorylated PSD-95 Regulates the Number of Functional Excitatory Synapses. *Frontiers in molecular neuroscience*, 13, 10.

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

Park JS, et al. (2019) Brain somatic mutations observed in Alzheimer's disease associated with aging and dysregulation of tau phosphorylation. *Nature communications*, 10(1), 3090.

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.

Li J, et al. (2018) Pin1 impairs microRNA biogenesis by mediating conformation change of XPO5 in hepatocellular carcinoma. *Cell death and differentiation*, 25(9), 1612.

Shin YJ, et al. (2015) Nanobody-targeted E3-ubiquitin ligase complex degrades nuclear proteins. *Scientific reports*, 5, 14269.