

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

Lambda Phosphatase

RRID:Addgene_79748

Type: Plasmid

Proper Citation

RRID:Addgene_79748

Plasmid Information

URL: <http://www.addgene.org/79748>

Proper Citation: RRID:Addgene_79748

Insert Name: Lambda Phosphatase

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:30004690](#)

Vector Backbone Description: Backbone Marker:Scott Gradia (Addgene plasmid # 48323); Vector Backbone:pET co-transformation cloning vector (13S-A) ; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: This plasmid was generated as part of an open library of human kinase domain constructs for automated bacterial expression. The work can be found here doi: <http://dx.doi.org/10.1101/038711>

Plasmid Name: Lambda Phosphatase

Record Creation Time: 20220422T222522+0000

Record Last Update: 20260815T082033+0000

Ratings and Alerts

No rating or validation information has been found for Lambda Phosphatase.

No alerts have been found for Lambda Phosphatase.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Tsong H, et al. (2026) PP2A and CDK16 antagonistically regulate WIPI2B phosphorylation and neuronal autophagosome biogenesis. *bioRxiv : the preprint server for biology*.

Hultman J, et al. (2026) The N-Myc MB0-MBI region interacts specifically and dynamically with the N-lobe of Aurora kinase A. *Nature communications*, 17(1).

Fokkens TJ, et al. (2025) A Leishmania virulence factor harnesses an allosteric kinase switch to regulate its ubiquitin ligase activity. *Molecular cell*, 85(19), 3711.

Juyoux P, et al. (2025) Dual-specificity mitogen-activated protein kinase kinases can use ADP to phosphorylate MAP kinases invitro. *The Journal of biological chemistry*, 301(9), 110578.

Chen W, et al. (2025) Phosphorylation modulates secondary structure of intrinsically disorder regions in RNA polymerase II. *The Journal of biological chemistry*, 301(6), 108533.

Brown CN, et al. (2025) CaMKII monomers are sufficient for GluN2B binding, co-condensation, and synaptic potentiation. *bioRxiv : the preprint server for biology*.

Rasool S, et al. (2024) Identification and structural characterization of small molecule inhibitors of PINK1. *Scientific reports*, 14(1), 7739.

Lu?i? I, et al. (2023) CaMKII autophosphorylation can occur between holoenzymes without subunit exchange. *eLife*, 12.

Park JG, et al. (2023) Structural basis for CEP192-mediated regulation of centrosomal AURKA. *Science advances*, 9(16), eadf8582.

Budziszewski GR, et al. (2022) Multivalent DNA and nucleosome acidic patch interactions specify VRK1 mitotic localization and activity. *Nucleic acids research*, 50(8), 4355.

Rasool S, et al. (2022) Mechanism of PINK1 activation by autophosphorylation and insights into assembly on the TOM complex. *Molecular cell*, 82(1), 44.

Agulto RL, et al. (2021) Autoregulatory control of microtubule binding in doublecortin-like kinase 1. *eLife*, 10.