

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

PP1 7-300

RRID:Addgene_26566

Type: Plasmid

Proper Citation

RRID:Addgene_26566

Plasmid Information

URL: <http://www.addgene.org/26566>

Proper Citation: RRID:Addgene_26566

Insert Name: PP1a

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18992256](#)

Vector Backbone Description: Backbone Marker:Peti Lab (Addgene #26563); Backbone Size:0; Vector Backbone:RP1B; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: The backbone is a modified version of pET28 and is also available at Addgene (plasmid #26563)

Plasmid Name: PP1 7-300

Relevant Mutation: Contains only aa 7-330

Record Creation Time: 20220422T222119+0000

Record Last Update: 20260815T081254+0000

Ratings and Alerts

No rating or validation information has been found for PP1 7-300.

No alerts have been found for PP1 7-300.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Fedoryshchak RO, et al. (2025) PDZ-directed substrate recruitment is the primary determinant of specific 4E-BP1 dephosphorylation by PP1-Neurabin. eLife, 13.

Semrau MS, et al. (2022) Molecular architecture of the glycogen- committed PP1/PTG holoenzyme. Nature communications, 13(1), 6199.

Srivastava G, et al. (2022) The ribosomal RNA processing 1B:protein phosphatase 1 holoenzyme reveals non-canonical PP1 interaction motifs. Cell reports, 41(9), 111726.

Church TW, et al. (2021) AKAP79 enables calcineurin to directly suppress protein kinase A activity. eLife, 10.

Fedoryshchak RO, et al. (2020) Molecular basis for substrate specificity of the Phactr1/PP1 phosphatase holoenzyme. eLife, 9.

Bajaj R, et al. (2018) KNL1 Binding to PP1 and Microtubules Is Mutually Exclusive. Structure (London, England : 1993), 26(10), 1327.

Qin X, et al. (2015) PER2 Differentially Regulates Clock Phosphorylation versus Transcription by Reciprocal Switching of CK1?? Activity. Journal of biological rhythms, 30(3), 206.