

# Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

## V249 pCEP-4HA B56delta

RRID:Addgene\_14536

Type: Plasmid

### Proper Citation

RRID:Addgene\_14536

### Plasmid Information

**URL:** <http://www.addgene.org/14536>

**Proper Citation:** RRID:Addgene\_14536

**Insert Name:** PPP2R5D B56 delta regulatory subunit of PP2A

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:10092233](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:10186; Vector Backbone:pCEP4 (modified); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** 4 HA tag cloned into Not1 site as Not1 cassette so two Not1 sites at 5' end of gene. Please note that the Addgene verified sequence finds an R210H mutation in PPP2R5D. Other differences compared to the depositor sequence do not affect plasmid function.

**Plasmid Name:** V249 pCEP-4HA B56delta

**Relevant Mutation:** R210H

**Record Creation Time:** 20220422T221819+0000

**Record Last Update:** 20260905T074908+0000

### Ratings and Alerts

No rating or validation information has been found for V249 pCEP-4HA B56delta.

No alerts have been found for V249 pCEP-4HA B56delta.

## Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Baral G, et al. (2025) PP2A activation drives aberrant macropinocytosis and cell death in pancreatic ductal adenocarcinoma. bioRxiv : the preprint server for biology.

Fu Y, et al. (2023) Fam72a functions as a cell-cycle-controlled gene during proliferation and antagonizes apoptosis through reprogramming PP2A substrates. Developmental cell, 58(5), 398.

Li J, et al. (2022) Regulation of XPO5 phosphorylation by PP2A in hepatocellular carcinoma. MedComm, 3(2), e125.

Uchida E, et al. (2019) TOPK is regulated by PP2A and BCR/ABL in leukemia and enhances cell proliferation. International journal of oncology, 54(5), 1785.

Wu D, et al. (2018) A substrate-trapping strategy for protein phosphatase PP1 holoenzymes using hypoactive subunit fusions. The Journal of biological chemistry, 293(39), 15152.

Suryavanshi SV, et al. (2018) Human muscle-specific A-kinase anchoring protein polymorphisms modulate the susceptibility to cardiovascular diseases by altering cAMP/PKA signaling. American journal of physiology. Heart and circulatory physiology, 315(1), H109.

Greenwood EJ, et al. (2016) Temporal proteomic analysis of HIV infection reveals remodelling of the host phosphoproteome by lentiviral Vif variants. eLife, 5.

Kwun HJ, et al. (2015) Restricted protein phosphatase 2A targeting by Merkel cell polyomavirus small T antigen. Journal of virology, 89(8), 4191.