

Resource Summary Report

Generated by [RRID](#) on Aug 24, 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: 20260815T080655+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 [RRID](#) .

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.