Resource Summary Report

Generated by dkNET on Sep 19, 2026

V246 pCEP 4HA B56beta

RRID:Addgene_14533
Type: Plasmid

Proper Citation

RRID:Addgene_14533

Plasmid Information

URL: http://www.addgene.org/14533

Proper Citation: RRID:Addgene_14533

Insert Name: PPP2R5B B56 beta 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. Addgene NGS identified an I346V mutation in the B56?? ORF, this is not predicted to impact plasmid function.

Plasmid Name: V246 pCEP 4HA B56beta

Relevant Mutation: I346V relative to GenBank ID L42374

Record Creation Time: 20220422T221818+0000

Record Last Update: 20260919T091025+0000

Ratings and Alerts

No rating or validation information has been found for V246 pCEP 4HA B56beta.

No alerts have been found for V246 pCEP 4HA B56beta.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Jacobs SO, et al. (2025) Hypoxia increases susceptibility of human intestinal epithelial cells to rotavirus infection through repression of interferon induction. Gut microbes, 17(1), 2560593.

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.

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