

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

pcDNA3 deltaN47 Beta-catenin

RRID:Addgene_19287

Type: Plasmid

Proper Citation

RRID:Addgene_19287

Plasmid Information

URL: <http://www.addgene.org/19287>

Proper Citation: RRID:Addgene_19287

Insert Name: beta-catenin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10409758](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Has 12-bp sequence upstream of the initiating ATG codon matching the consensus Kozak initiator sequence.

Plasmid Name: pcDNA3 deltaN47 Beta-catenin

Relevant Mutation: N-terminal truncation, deleted aa 1-47

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260905T075334+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 deltaN47 Beta-catenin.

No alerts have been found for pcDNA3 deltaN47 Beta-catenin.

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 [NIF](#) .

Kazi A, et al. (2018) GSK3 suppression upregulates β -catenin and c-Myc to abrogate KRas-dependent tumors. Nature communications, 9(1), 5154.

Alshareef A, et al. (2017) High expression of β -catenin contributes to the crizotinib resistant phenotype in the stem-like cell population in neuroblastoma. Scientific reports, 7(1), 16863.

Long MJ, et al. (2017) β -TrCP1 Is a Vacillatory Regulator of Wnt Signaling. Cell chemical biology, 24(8), 944.

Qu Y, et al. (2016) Axitinib blocks Wnt/ β -catenin signaling and directs asymmetric cell division in cancer. Proceedings of the National Academy of Sciences of the United States of America, 113(33), 9339.

Chin EN, et al. (2015) Lrp5 Has a Wnt-Independent Role in Glucose Uptake and Growth for Mammary Epithelial Cells. Molecular and cellular biology, 36(6), 871.