

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

pcDNA3 PBD HK-AA (Nigg AH13)

RRID:Addgene_41161

Type: Plasmid

Proper Citation

RRID:Addgene_41161

Plasmid Information

URL: <http://www.addgene.org/41161>

Proper Citation: RRID:Addgene_41161

Insert Name: PBD HK-AA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16267267](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pcDNA3.1/3x myc-C; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Addgene plasmid #41162: Plk1-PBDWT (aa 326–603) was cloned in-frame by PCR into a pcDNA3.1 vector encoding an amino-terminal 3xmyc-tag (Invitrogen, Carlsbad, CA) using primers 5'-CCG GAA TTC CAG ATC TTC GAT TGC TCC CAG CAG CCT GG-3' and 5'-CCG CTC GAG TTA GGA GGC CTT GAG ACG GTT GC-3'. The Plk1-PBDAA mutant (H538A, K540A) was made by site-directed mutagenesis using the following primers: 5'-CAA TTC TCC GGA GCC CCG CCT ATC TGT CCC-3' and 5'-GGG ACA GAT AGG CGG GGC TCC GGA GAA TTG-3'.

Plasmid Name: pcDNA3 PBD HK-AA (Nigg AH13)

Relevant Mutation: Contains Plk1-PBD only (aa 326–603); HK-AA (H538A, K540A)

Record Creation Time: 20220422T222213+0000

Record Last Update: 20260912T092701+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 PBD HK-AA (Nigg AH13).

No alerts have been found for pcDNA3 PBD HK-AA (Nigg AH13).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Inoko A, et al. (2018) Albatross/FBF1 contributes to both centriole duplication and centrosome separation. Genes to cells : devoted to molecular & cellular mechanisms, 23(12), 1023.