

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

Ypet-PBD

RRID:Addgene_105290

Type: Plasmid

Proper Citation

RRID:Addgene_105290

Plasmid Information

URL: <http://www.addgene.org/105290>

Proper Citation: RRID:Addgene_105290

Insert Name: Pak1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22547408](#)

Vector Backbone Description: Vector Backbone:pEPet-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Subcloned the sequence encoding amino acids 65-150 (with an additional nucleotide (C) added at the 5' end to keep it in frame) of human Pak1 into the EcoRI-BamH1 sites of pYPet-C1. The insert was from Dr. Natalie Lamarche-Vane (McGill University).

Plasmid Name: Ypet-PBD

Relevant Mutation: aa encoding 65-150

Record Creation Time: 20220422T221511+0000

Record Last Update: 20260808T080340+0000

Ratings and Alerts

No rating or validation information has been found for Ypet-PBD.

No alerts have been found for Ypet-PBD.

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 [nidm-terms](#) .

Mahlandt EK, et al. (2023) Cell-based optimization and characterization of genetically encoded location-based biosensors for Cdc42 or Rac activity. Journal of cell science, 136(10).