

# Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

## PB-TAC-ERP2

RRID:Addgene\_80478

Type: Plasmid

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### Proper Citation

RRID:Addgene\_80478

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### Plasmid Information

**URL:** <http://www.addgene.org/80478>

**Proper Citation:** RRID:Addgene\_80478

**Bacterial Resistance:** Chloramphenicol and Ampicillin

**Defining Citation:** [PMID:26025620](#)

**Vector Backbone Description:** Backbone Size:3000; Vector Backbone:pBluescript; Vector Types:Mammalian Expression, piggyBac transposon; Bacterial Resistance:Chloramphenicol and Ampicillin

**Comments:** Requires co-transfection with a piggyBac transposase plasmid for stable genomic integration. If you desire to use transposase with the Materials, you may contact Transposagen or other licensed vendor.

**Plasmid Name:** PB-TAC-ERP2

**Record Creation Time:** 20220422T222525+0000

**Record Last Update:** 20260815T082039+0000

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### Ratings and Alerts

No rating or validation information has been found for PB-TAC-ERP2.

No alerts have been found for PB-TAC-ERP2.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Lee MH, et al. (2023) Adaptation of the Tumor Antigen Presentation Machinery to Ionizing Radiation. *Journal of immunology* (Baltimore, Md. : 1950), 211(4), 693.

Saini M, et al. (2023) Resistance to mesenchymal reprogramming sustains clonal propagation in metastatic breast cancer. *Cell reports*, 42(6), 112533.

Kagawa H, et al. (2022) Human blastoids model blastocyst development and implantation. *Nature*, 601(7894), 600.

Acharya A, et al. (2022) Live-Cell Imaging of the Contractile Velocity and Transient Intracellular Ca<sup>2+</sup> Fluctuations in Human Stem Cell-Derived Cardiomyocytes. *Cells*, 11(8).

Wang S, et al. (2021) Spatially resolved cell polarity proteomics of a human epiblast model. *Science advances*, 7(17).

Merkle J, et al. (2021) CDKN2A-Mutated Pancreatic Ductal Organoids from Induced Pluripotent Stem Cells to Model a Cancer Predisposition Syndrome. *Cancers*, 13(20).

Breunig M, et al. (2021) Modeling plasticity and dysplasia of pancreatic ductal organoids derived from human pluripotent stem cells. *Cell stem cell*, 28(6), 1105.

Arai HN, et al. (2019) Metalloprotease-Dependent Attenuation of BMP Signaling Restricts Cardiac Neural Crest Cell Fate. *Cell reports*, 29(3), 603.