

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## pBabe puro MTH1

RRID:Addgene\_21295

Type: Plasmid

### Proper Citation

RRID:Addgene\_21295

### Plasmid Information

**URL:** <http://www.addgene.org/21295>

**Proper Citation:** RRID:Addgene\_21295

**Insert Name:** MTH1

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:19118192](#)

**Vector Backbone Description:** Backbone Marker:Available at Addgene (#1764); Backbone Size:5169; Vector Backbone:pBABE-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

**Comments:** The pBabe.puro MTH1 overexpression construct was created by amplifying the MTH1 cDNA from pcDEB.MTH1 (which expresses full-length wild type human MTH1) using PCR primers to add BamHI and EcoRI cloning sites to the 5' and 3' ends respectively, and ligating the resulting fragment into the appropriately digested retroviral pBABE puro vector.

**Plasmid Name:** pBabe puro MTH1

**Record Creation Time:** 20220422T222055+0000

**Record Last Update:** 20260725T074424+0000

### Ratings and Alerts

No rating or validation information has been found for pBabe puro MTH1.

No alerts have been found for pBabe puro MTH1.

---

## 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](#) .

Huber KV, et al. (2014) Stereospecific targeting of MTH1 by (S)-crizotinib as an anticancer strategy. Nature, 508(7495), 222.