

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 29, 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: 20260829T080203+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 [PRECISE-TBI](#) .

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