

Resource Summary Report

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

pLKO.1 shMTH1-1

RRID:Addgene_21297

Type: Plasmid

Proper Citation

RRID:Addgene_21297

Plasmid Information

URL: <http://www.addgene.org/21297>

Proper Citation: RRID:Addgene_21297

Insert Name: shMTH1-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19118192](#)

Vector Backbone Description: Backbone Marker:Available at Addgene (#8453); Backbone Size:7000; Vector Backbone:pLKO.1 puro; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: shRNA #1 directed against MTH1 sequence 5'-GTGGCTGCTGAACAGCTGCAA-3'.

Plasmid Name: pLKO.1 shMTH1-1

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260725T074424+0000

Ratings and Alerts

No rating or validation information has been found for pLKO.1 shMTH1-1.

No alerts have been found for pLKO.1 shMTH1-1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Moukengue B, et al. (2020) TH1579, MTH1 inhibitor, delays tumour growth and inhibits metastases development in osteosarcoma model. EBioMedicine, 53, 102704.

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