

Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 2026

pJK381

RRID:Addgene_71573

Type: Plasmid

Proper Citation

RRID:Addgene_71573

Plasmid Information

URL: <http://www.addgene.org/71573>

Proper Citation: RRID:Addgene_71573

Insert Name: citrate synthase

Organism: Thermoplasma acidophilum DSM 1728

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19645419](#)

Vector Backbone Description: Vector Backbone:pRec7; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Protein production is induced using nalidixic acid as described. (Kurz, L. C., Drysdale, G., Riley, M., Tomar, M. A., Chen, J., Russell, R. J. M., and Danson, M. J. (2000) Kinetics and mechanism of the citrate synthase from the thermophilic archaeon Thermoplasma acidophilum Biochemistry 39, 2283– 2296 DOI: 10.1021/bi991982r) Also known as pJK383

Plasmid Name: pJK381

Relevant Mutation: changes aspartate-317 to glycine

Record Creation Time: 20220422T222441+0000

Record Last Update: 20260829T080944+0000

Ratings and Alerts

No rating or validation information has been found for pJK381.

No alerts have been found for pJK381.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.