

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

pET21a.MJ1247

RRID:Addgene_11414

Type: Plasmid

Proper Citation

RRID:Addgene_11414

Plasmid Information

URL: <http://www.addgene.org/11414>

Proper Citation: RRID:Addgene_11414

Insert Name: 3-hexulose-6-phosphate isomerase

Organism: M. jannaschii

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11839305](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5443; Vector Backbone:pET21a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please note that the plasmid pET21a.MJ1247 contains an Ampicillin resistance marker, and the BL21 bacterial strain contains a plasmid, pSJS1244, that confers spectinomycin resistance and allows for expression of genes with rare codons. Addgene provides this plasmid in the DH5alpha bacterial strain. For expression, please use BL21(DE3).Star/pSJS1244

Plasmid Name: pET21a.MJ1247

Record Creation Time: 20220422T221558+0000

Record Last Update: 20260808T080505+0000

Ratings and Alerts

No rating or validation information has been found for pET21a.MJ1247.

No alerts have been found for pET21a.MJ1247.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.