

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pMAPLe4 PCMTD1

RRID:Addgene_246503

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/246503>

Proper Citation: RRID:Addgene_246503

Insert Name: Protein-L-isoaspartate O-methyltransferase domain-containing protein 1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35486881](#)

Vector Backbone Description: Backbone Size:6220; Vector Backbone:pMAPLe4; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Induce with 0.5 mM IPTG at OD600 = 0.5 - 0.7 and express for 3 hours at 37°C after induction

Plasmid Name: pMAPLe4 PCMTD1

Relevant Mutation: Residue 312 is Isoleucine in this plasmid but occurs naturally in humans as either an Asparagine or Isoleucine polymorphism. Uniprot Q96MG8-1 reflects the Asparagine polymorphism.

Record Creation Time: 20251015T053937+0000

Record Last Update: 20260902T044847+0000

Ratings and Alerts

No rating or validation information has been found for pMAPLe4 PCMTD1.

No alerts have been found for pMAPLe4 PCMTD1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.