

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

E. coli BL21 (DE3) ?EntD

RRID:Addgene_192874

Type: Plasmid

Proper Citation

RRID:Addgene_192874

Plasmid Information

URL: <http://www.addgene.org/192874>

Proper Citation: RRID:Addgene_192874

Insert Name: The strain has a 535 nt deletion between nt 15 and nt 551 in the EntD gene.

Organism: E.coli

Bacterial Resistance: None

Defining Citation: [PMID:16709676](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:This is a strain, not a plasmid; Bacterial Resistance:None

Comments: EntD, a 4'-phosphopantetheinyl transferase, is required for native enterobactin synthesis. This strain allows for expression of nonribosomal peptide synthetase (NRPS) carrier proteins that do not harbor a phosphopantetheinyl group.

Plasmid Name: E. coli BL21 (DE3) ?EntD

Record Creation Time: 20230909T080456+0000

Record Last Update: 20260815T082745+0000

Ratings and Alerts

No rating or validation information has been found for E. coli BL21 (DE3) ?EntD.

No alerts have been found for E. coli BL21 (DE3) ?EntD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.