

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pET22b-BirA-CPDSall

RRID:Addgene_38258

Type: Plasmid

Proper Citation

RRID:Addgene_38258

Plasmid Information

URL: <http://www.addgene.org/38258>

Proper Citation: RRID:Addgene_38258

Insert Name: birA

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19956581](#)

Vector Backbone Description: Backbone Marker:Matthew Bogyo laboratory; Backbone Size:6126; Vector Backbone:Addgene Plasmid #38251 (pET22b-CPDSall); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Encodes untagged biotin ligase gene (birA) from E. coli fused to Vibrio cholerae MARTX toxin cysteine protease domain (CPD) to be used to purify biotin ligase.

Plasmid Name: pET22b-BirA-CPDSall

Relevant Mutation: cloned from pGEX4T1-BirA

Record Creation Time: 20220422T222202+0000

Record Last Update: 20260815T081420+0000

Ratings and Alerts

No rating or validation information has been found for pET22b-BirA-CPDSall.

No alerts have been found for pET22b-BirA-CPDSall.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.