

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

E. coli Lig-C-HiBiT

RRID:Addgene_215438

Type: Plasmid

Proper Citation

RRID:Addgene_215438

Plasmid Information

URL: <http://www.addgene.org/215438>

Proper Citation: RRID:Addgene_215438

Insert Name: NAD-dependent DNA ligase LigA [Escherichia coli], C-HiBiT, C-10XHis.Thrombin

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40346061](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5409; Vector Backbone:pET21a (+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: E. coli Lig-C-HiBiT

Relevant Mutation: Codon Optimized for bacterial expression, T7 gene10 leader peptide for expression

Record Creation Time: 20250521T054017+0000

Record Last Update: 20260919T093644+0000

Ratings and Alerts

No rating or validation information has been found for E. coli Lig-C-HiBiT.

No alerts have been found for E. coli Lig-C-HiBiT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ciulla DA, et al. (2025) A general assay platform to study protein pharmacology using ligand-dependent structural dynamics. Nature communications, 16(1), 4342.