

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

E. coli Lig-N-HiBiT

RRID:Addgene_215437

Type: Plasmid

Proper Citation

RRID:Addgene_215437

Plasmid Information

URL: <http://www.addgene.org/215437>

Proper Citation: RRID:Addgene_215437

Insert Name: NAD-dependent DNA ligase LigA [Escherichia coli], N-HiBiT, N-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-N-HiBiT

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

Record Creation Time: 20250521T054017+0000

Record Last Update: 20260815T083250+0000

Ratings and Alerts

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

No alerts have been found for E. coli Lig-N-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 [RRID](#) .

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