

Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 2026

pET/ELP-I-CAT

RRID:Addgene_71461

Type: Plasmid

Proper Citation

RRID:Addgene_71461

Plasmid Information

URL: <http://www.addgene.org/71461>

Proper Citation: RRID:Addgene_71461

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16074986](#)

Vector Backbone Description: Backbone Marker:Novagen; Vector Backbone:pET21(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid contains the CAT gene, which can be replaced with your gene of interest using the unique BsrG I site (TGTACA) at the end of the intein and one of several sites downstream from the product protein (typically Hind III). More info on cloning can be found in supplemental document ELP cloning manual. Please NOTE- the Addgene diagnostic digest result confirms the presence of ELP-intein.

Plasmid Name: pET/ELP-I-CAT

Record Creation Time: 20220422T222440+0000

Record Last Update: 20260829T080943+0000

Ratings and Alerts

No rating or validation information has been found for pET/ELP-I-CAT.

No alerts have been found for pET/ELP-I-CAT.

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 [nidm-terms](#) .

Darji S, et al. (2024) Unravelling the Mechanism of Elastin-like Polypeptide-Enzyme Fusion Stabilization in Organic Solvents. *Biomacromolecules*, 25(1), 272.