

Resource Summary Report

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

pET15b (I-WcaINhis) K226I

RRID:Addgene_195620

Type: Plasmid

Proper Citation

RRID:Addgene_195620

Plasmid Information

URL: <http://www.addgene.org/195620>

Proper Citation: RRID:Addgene_195620

Insert Name: I-WcaI

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Novagen; Vector Backbone:pET-15b; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Expresses the I-WcaI homing endonuclease from *Wickerhamomyces canadensis*. The sequence is codon optimized for expression in *E. coli*. The expressed protein contains a K226I mutation that results in DNA nicking activity. It contains an amino-terminal histidine tag for purification.

Plasmid Name: pET15b (I-WcaINhis) K226I

Relevant Mutation: A1930T, A1931T

Record Creation Time: 20230216T080429+0000

Record Last Update: 20260815T082508+0000

Ratings and Alerts

No rating or validation information has been found for pET15b (I-WcaINhis) K226I.

No alerts have been found for pET15b (I-WcaINhis) K226I.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.