

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pET15b I-SceI (Ctermhis) K122I

RRID:Addgene_195614

Type: Plasmid

Proper Citation

RRID:Addgene_195614

Plasmid Information

URL: <http://www.addgene.org/195614>

Proper Citation: RRID:Addgene_195614

Insert Name: I-SceI

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18644379](#)

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

Comments: Expresses the I-SceI homing endonuclease under the control of the phage T7 promoter. The sequence is codon optimized for expression in *E. coli* and is derived from plasmid pSCM525 (Dr. Bernard Dujon, Institut Pasteur). The protein contains a carboxyl-terminal histidine tag for purification. The expressed protein contains the K122I mutation that results in DNA nicking activity. An appended methionine-histidine sequence is present at the amino terminus.

Plasmid Name: pET15b I-SceI (Ctermhis) K122I

Relevant Mutation: C2458G, A2826T, A2827T

Record Creation Time: 20230203T080438+0000

Record Last Update: 20260815T082503+0000

Ratings and Alerts

No rating or validation information has been found for pET15b I-SceI (Ctermhis) K122I.

No alerts have been found for pET15b I-SceI (Ctermhis) K122I.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.