Resource Summary Report

Generated by RRID on Aug 21, 2026

pET15b I-SceI (Ctermhis) K223I

RRID:Addgene_195615
Type: Plasmid

Proper Citation

RRID:Addgene_195615

Plasmid Information

URL: http://www.addgene.org/195615

Proper Citation: RRID:Addgene_195615

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 K223I mutation that results in DNA nicking activity. An appended methionine-histidine sequence is present at the amino terminus.

Plasmid Name: pET15b I-SceI (Ctermhis) K223I

Relevant Mutation: C2694G, G2345C, G2351C, A3365T, A3366T

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) K223I.

No alerts have been found for pET15b I-SceI (Ctermhis) K223I.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.