

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pStl6

RRID:Addgene_8616

Type: Plasmid

Proper Citation

RRID:Addgene_8616

Plasmid Information

URL: <http://www.addgene.org/8616>

Proper Citation: RRID:Addgene_8616

Insert Name: Ribonuclease inhibitor StI

Organism: Saccharopolyspora erythraea, Strain NRRL 2338

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:14741361](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5252; Vector Backbone:pET-28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Production plasmid for ribonuclease inhibitor and barstar homolog StI from Saccharopolyspora erythraea. Structural gene for inhibitor StI from Saccharopolyspora erythraea strain NRRL 2338. N-terminal serine of wild type changed to glycine and 19 silent mutations improve production in E. coli.

Plasmid Name: pStl6

Relevant Mutation: S2G point mutation; 19 silent mutations improve production in E. coli.

Record Creation Time: 20220422T222554+0000

Record Last Update: 20260815T082132+0000

Ratings and Alerts

No rating or validation information has been found for pStl6.

No alerts have been found for pStl6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.