

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pET30b-5M SrtA with TEV site

RRID:Addgene_86962

Type: Plasmid

Proper Citation

RRID:Addgene_86962

Plasmid Information

URL: <http://www.addgene.org/86962>

Proper Citation: RRID:Addgene_86962

Insert Name: S.aureus SrtA 5M

Organism: Staphylococcus aureus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28088451](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pET30b; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Pentamutant sortase A was originally described by David R. Liu's laboratory (Harvard University) in: A General Strategy for the Evolution of Bond-Forming Enzymes Using Yeast Display. Chen I, Dorr BM, Liu DR. Proc Natl Acad Sci U S A. 2011 Jul 12;108(28):11399-404 (PubMed ID: 21697512). As noted in this publication, the cloned sortase A gene lacks the N-terminal 59 amino acids, which do not impact catalytic activity, but these amino acids are still included in the numbering for the mutations.

Plasmid Name: pET30b-5M SrtA with TEV site

Relevant Mutation: P94R, D160N, D165A, K190E, K196T

Record Creation Time: 20220422T222558+0000

Record Last Update: 20260815T082139+0000

Ratings and Alerts

No rating or validation information has been found for pET30b-5M SrtA with TEV site.

No alerts have been found for pET30b-5M SrtA with TEV site.

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 [RRID](#) .

Goya Grocin A, et al. (2019) Whole Proteome Profiling of N-Myristoyltransferase Activity and Inhibition Using Sortase A. Molecular & cellular proteomics : MCP, 18(1), 115.