

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pSBbi-RP-CoV2/stSpike-puro

RRID:Addgene_161794

Type: Plasmid

Proper Citation

RRID:Addgene_161794

Plasmid Information

URL: <http://www.addgene.org/161794>

Proper Citation: RRID:Addgene_161794

Insert Name: SARS-CoV-2 secretable trimeric Spike

Organism: SARS-CoV-2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36619904](#)

Vector Backbone Description: Backbone Marker:Eric Kowarz; Backbone Size:6625; Vector Backbone:pSBbi-RP (Addgene Plasmid #60513); Vector Types:Mammalian Expression, Transposon; Bacterial Resistance:Ampicillin

Comments: The SARS-CoV-2 secretable trimeric Spike insert was designed by Jorge L. Arias-Arias from Universidad de Costa Rica (jorgeluis.arias@ucr.ac.cr). This vector is suitable for transient transfection, but it was intended to be co-transfected with the transposase vector pCMV(CAT)T7-SB100 (Addgene Plasmid #34879) in order to generate stable mammalian cells for the production of SARS-CoV-2 secretable trimeric Spike protein. This protein can be recovered from the cell culture medium by His-tag purification. Please note that this plasmid is intended to be used as a DNA template of the spike gene but not as a construct for protein production. The protein produced using this plasmid is not antigenically functional.

Plasmid Name: pSBbi-RP-CoV2/stSpike-puro

Record Creation Time: 20220422T221916+0000

Record Last Update: 20260815T080857+0000

Ratings and Alerts

No rating or validation information has been found for pSBbi-RP-CoV2/stSpike-puro.

No alerts have been found for pSBbi-RP-CoV2/stSpike-puro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.