

Resource Summary Report

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

pLEX307-TMPRSS2-puro

RRID:Addgene_158457

Type: Plasmid

Proper Citation

RRID:Addgene_158457

Plasmid Information

URL: <http://www.addgene.org/158457>

Proper Citation: RRID:Addgene_158457

Insert Name: TMPRSS2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pLEX307; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The authors have noticed that recombination within the pLEX307 backbone can occur. All users are advised to sequence the vectors and restriction digest them and run them on a gel to ensure they show the expected full length insert and plasmid size. In cases where recombination has occurred, it is typically between the viral LTR elements in the vector, although recombination between the gateway cloning sites has also been observed.

Plasmid Name: pLEX307-TMPRSS2-puro

Record Creation Time: 20220422T221858+0000

Record Last Update: 20260815T080816+0000

Ratings and Alerts

No rating or validation information has been found for pLEX307-TMPRSS2-puro.

No alerts have been found for pLEX307-TMPRSS2-puro.

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](#) .

Liu H, et al. (2022) Development of optimized drug-like small molecule inhibitors of the SARS-CoV-2 3CL protease for treatment of COVID-19. Nature communications, 13(1), 1891.