



Product Sheet

# pIIIEx313 tRNA/3'ST (ATCC® 87168™)

Please read this **FIRST**



## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: pIIIEx313 tRNA/3'ST (ATCC® 87168™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

Designation: pIIIEx313 tRNA/3'ST

## Propagation

### Growth Conditions

Temperature: 37.0°C

### Medium

ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

## Vector Information

Size (kb): 6.6999998092651370

Vector: pIIIEx313 tRNA/3'ST (plasmid)

Promoters: Promoter for in vitro transcription T7

Construction: pRS313

Marker(s): ampR, HIS3

Construct size (kb): 6.699999809265137

Features: insert detection: lacZ'

marker(s): HIS3

marker(s): ampR

promoter: SUP4 tRNA intragenic promoter

promoter: lac

promoter for in vitro transcription: T3

promoter for in vitro transcription: T7

replicon: ARSH4

replicon: f1

replicon: pMB1

restriction site: BamHI

restriction site: EcoRI

restriction site: Sall

terminator: 3' stem and poly(T)

terminator: RPR1

centromere: CEN6

## References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

## ATCC Warranty

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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.



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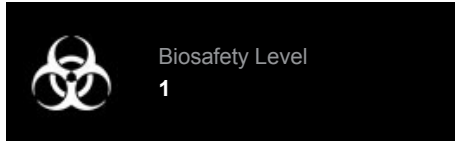
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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