



Product Sheet

pIIIEx313 tRNA (ATCC® 87167™)

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 (ATCC® 87167™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: pIIIEx313 tRNA

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): 6.5999999046325680

Vector: pIIIEx313 tRNA (plasmid)

Promoters: Promoter for in vitro transcription T7

Construction: pRS313

Marker(s):ampR,HIS3

Construct size (kb): 6.599999904632568

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: RPR1

centromere: CEN6

References

References and other information relating to this product are available online at 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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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This product is sent with the condition that you are responsible for its safe storage, handling, and use.



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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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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