



# pNIAysic-4 plasmid in *E. coli* Top10

MBA-204™

Product Sheet

## Description

**Organism:** *Saccharomyces cerevisiae* Meyen ex E.C. Hansen

**Shipping information:** *Escherichia coli* containing the plasmid in glycerol stock

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -80°C or colder

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## Intended Use

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

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Insert Information

**Insert size (kb):** 0.428

**Insert information:**

**Source:** *S. cerevisiae*

**Gene:** Partial intron 1 of GLC7/YTER133W

**Genbank accession:** DQ023290

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## Vector Information

**Construct size (kb):** 3.452

**Intact vector size:** 3.024

**Vector name:** pSP64 poly(A)

**Vector information:** Excise insert: Sal+XbaI

Insert site(s): Sall, XbaI

**Markers:** ampR

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## Handling Procedures

1. Transfer to growth media by inoculating a loopful from the thawed cryovial to a test tube containing 5 mL LB+50 µg/mL of ampicillin broth.
  2. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 37°C.
  3. Isolate DNA using standard plasmid preparation procedures.
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## Notes

Restriction digests of the clone gave the following sizes (kb): Sall/XbaI – 3.0, 0.4;

Sall/EcoRI – 3.0, 0.45.

–ATCC staff

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pNIAysic-4 plasmid in *E. coli* Top10 (ATCC MBA-204)

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## References

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

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## Revision

## pNIAysic-4 plasmid in *E. coli* Top10

MBA-204

Product Sheet

This information on this document was last updated on 2021-05-20

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