



Product Sheet

pRY255A (ATCC® 39822™)

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: pRY255A (ATCC® 39822™)

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: pRY255A

Distribution Host:

Distribution host: Escherichia coli YMC9

Media:

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

Conditions

Temperature: 37.0°C

Vector Information

Size (kb): 18.500000000000000

Vector: pRY255A (plasmid)

Promoters: Promoter CYC1

Construction: pRY253

Marker(s):ampR G418R

Construct size (kb): 18.5

Features: marker(s): G418R

marker(s): ampR

other: HO

promoter: CYC1

replicon: pMB1

coding sequence: GAL1/lacZ fusion

References

References and other information relating to this product are available online at www.atcc.org.

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--11.5, 7.0; KpnI--18.5; Sall--11.5, 7.0; SstI--13.0, 5.5; StuI--18.5.

- ATCC staff

A YI-type (yeast integrating, HO gene) shuttle vector that confers G418 resistance under control of the CYC1 promoter. Expresses a GAL1/lacZ fusion product allowing color selection. Constructed from pRY253 (ATCC 39688) by replacing a Sall fragment with a XhoI/Sall fragment encoding the GAL1/lacZ fusion.

- U.S. Pat. 5,422,267 dated June 6, 1995

.patent

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.

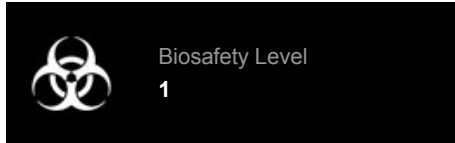
Disclaimers



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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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