



Product Sheet

c9581 (ATCC® 71229™)

Saccharomyces cerevisiae

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: *Saccharomyces cerevisiae* (ATCC® 71229™)

Shipping Information

Distributed: frozen, uncharacterized

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: c9581

Notes

IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

More information may be available from ATCC (<http://www.atcc.org/>) or the Saccharomyces Data Base (<http://genome-www.stanford.edu/>).

Because of the large number of simultaneous deposits, the ATCC has not verified that the characteristics of the material supplied here are as published. The ATCC encourages users of this material to communicate results of their tests to us.

Distributed In

Distribution host: Escherichia coli

Insert Information

DNA: genomic

DESCRIPTION OF INSERT COMPONENT:

Genome: *Saccharomyces cerevisiae*

Gene symbol: GPA2

Gene name: nucleotide binding regulatory protein

Contains complete coding sequence?: Y

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: SRB4

Gene name: RNA polymerase II suppressor

Contains complete coding sequence?: Y

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: PRO3

Gene name: delta 1-pyrroline-5-carboxylate reductase

Contains complete coding sequence?: Y

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: GCD11

Gene name: gamma subunit of translational initiation factor eIF-2

Contains complete coding sequence?: Y

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: CHO1

Gene name: phosphatidylserine synthase

Contains complete coding sequence?: Y

Chromosome: V; Localization: V R, 23 cM from CEN

Genome: *Saccharomyces cerevisiae*

Gene symbol: GAL83

Gene name: glucose repression protein

Contains complete coding sequence?: Y

Chromosome: V; Localization: V R, 11 cM from CEN

Genome: *Saccharomyces cerevisiae*

Gene symbol: YPT8

Gene name: Rab-family GTPase activating protein

Contains complete coding sequence?: Y

Chromosome: V

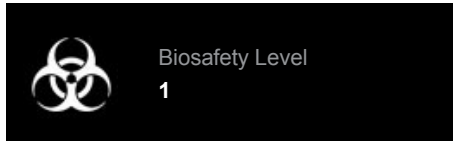


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Genome: *Saccharomyces cerevisiae*
Gene symbol: GLN3
Gene name: positive nitrogen regulatory protein
Contains complete coding sequence?: Y
Chromosome: V
Strain: AB972 (ATCC 76269)
Type of DNA: genomic
Insert end: Mbol
Insert end: Mbol
Insert size (kb):
Cross references: DNA Seq. Acc.: U18778
Nucleotides ? of the insert correspond to nucleotides 37895-66030 of U18778.
DNA Seq. Acc.: U18796
Nucleotides ? of the insert correspond to nucleotides 1-14353 of U18796.
Gene product: phosphatidyserine synthase [CHO1]

Vector Information

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pHc79
Intact vector size: 6.430
Type of vector: cosmid
Vector end: BamHI
Vector end: BamHI
Cloning sites: EcoRI ClaI BamHI Sall EcaI PstI
Polylinker sites:
Construction: pBR322, Charon 4A
Host range: *Escherichia coli*
Features (with orientation and position when available):
marker(s): ampR, tetR
replicon: pMB1
terminator: none
Cross references: DNA Seq. Acc.: L08873

Propagation

Growth Conditions

Temperature: 30.0°C

Medium

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

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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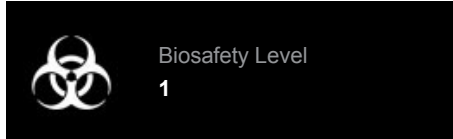


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While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational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

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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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