



Product Sheet

c9115 [9115] (ATCC®) 70874™)

Saccharomyces cerevisiae

Please read this FIRST



Biosafety Level
1

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® 70874™)

Shipping Information

Distributed: frozen

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: c9115 [9115]

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

Overlaps clones with ATCC number(s): 70132, 70151, 70363, 70459, 70469.
- personal communication

Reported to contain EcoRI/HindIII fragments of the following sizes (kb), ordered as in the genome: 1.251, 0.935, 1.917, 1.821, 1.805, 3.357, 0.812, 0.435, 1.845, 3.368, 5.251, 5.171, 0.997, 0.952, 0.637, 0.469, 2.283, 1.448, 1.004, 0.934.

- Genetics 134: 81-150, 1993

Because of the large number of simultaneous deposits from Dr. Olson's laboratory, 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* HB101

Insert Information

DNA: genomic

DESCRIPTION OF INSERT COMPONENT:

Genome: *Saccharomyces cerevisiae*

Gene symbol: GLC7

Gene name: protein phosphatase type I

Contains complete coding sequence?: U

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: GDI1

Gene name: GDP dissociation inhibitor

Contains complete coding sequence?: U

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: MAG1

Gene name: 3-methyladenine DNA glycosylase

Contains complete coding sequence?: U

Chromosome: V

Genome: *Saccharomyces cerevisiae*

Gene symbol: UBP5

Gene name: ubiquitin-specific protease

Contains complete coding sequence?: U

Chromosome: V

Strain: AB972 (ATCC 76269)

Type of DNA: genomic

Insert end: Mbol

Insert end: Mbol

Insert size (kb):

Cross references: DNA Seq. Acc.: U18916

Nucleotides 1-13368 of the insert correspond to nucleotides 54936-68303 of U18916.

DNA Seq. Acc.: U18917

Nucleotides ? of the insert correspond to nucleotides 1-23020 of U18917.

Gene product: protein phosphatase, type 1(protein phosphatase type I) [GDI1]



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Vector Information

Construct size (kb): 0.0
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

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

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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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