



c9581

71229™

Product Sheet

Description

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

Clone type: Clone

Host: *Escherichia coli*

Shipping information: uncharacterized

Storage Conditions

Product format: Frozen

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.

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.

Certificate of Analysis

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For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Type of DNA: genomic**Insert strain:** AB972 (ATCC 76269)**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: U18778

Nucleotides ? of the insert correspond to

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nucleotides 37895-66030 of U18778.

DNA Seq. Acc.: U18796

nucleotides 1-14353 of U18796.

Genome: *Saccharomyces cerevisiae***Chromosome:** V R, 23 cM from CEN; V R, 11 cM from CEN**Gene name:** nucleotide binding regulatory protein; RNA polymerase II suppressor; delta 1-pyrroline-5-carboxylate reductase; gamma subunit of translational initiation factor eIF-2; phosphatidylserine synthase; glucose repression protein; Rab-family GTPase activating p**Gene product:** phosphatidylserine synthase [CHO1]**Gene symbol:** GPA2; SRB4; PRO3; GCD11; CHO1; GAL83; YPT8; GLN3**Contains complete coding sequence:** Yes**Insert end:** MboI

Vector Information

Intact vector size: 6.430**Vector name:** pHC79**Type of vector:** cosmid**Construction:** pBR322, Charon 4A**Host range:** *Escherichia coli***Vector end:** BamHI**Vector information:**

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Cross references: DNA Seq. Acc.: L08873

Cloning sites: EcoRI; Clal; BamHI; Sall; Ecal; PstI

Markers: ampR; tetR

Replicon: pMB1

Terminator: none

Growth Conditions

Medium:

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

Temperature: 30°C

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.

Material Citation

c9581**71229**

If use of this material results in a scientific publication, please cite the material in the following manner: c9581 (ATCC 71229)

References

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

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