# c9871

71236™

## 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

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

## Insert Information

**Insert size (kb):** 38
**Type of DNA:** genomic
**Insert strain:** AB972 (ATCC 76269)
**Insert information:**
DESCRIPTION OF INSERT COMPONENT:
dicyclohexylcarbodiimide binding subunit
bc1 complex
Cross references: DNA Seq. Acc.: U18530
Nucleotides ? of the insert correspond to
Nucleotides ? of the insert correspond to
nucleotides 1-38086 of U18530.
DNA Seq. Acc.: U18779
nucleotides 31670-36872 of U18779.
**Chromosome:** V L, 7 cM from CEN
**Gene name:** vacuolar ATP synthase, 16 kDa proteolipid subunit; Rieske iron-sulfur protein of the mitochondrial cytochrome bc1 complex; orotidine-5'-phosphate decarboxylase; RNA component of nuclear RNase P
**Gene product:** Rieske iron-sulfur protein of the mitochondrial cytochrome bc1 complex [CUP5]
**Gene symbol:** CUP5; RIP1; URA3; RPR1; MMS21
**Contains complete coding sequence:** Yes
**Insert end:** MboI

## Vector Information

**Construct size (kb):** 44.43000030517578
**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:**
Cross references: DNA Seq. Acc.: L08873
**Cloning sites:** EcoRI; ClaI; BamHI; SalI; EcaI; 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

If use of this material results in a scientific publication, please cite the material in the following manner: c9871 (ATCC 71236)

## References

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

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## Revision

This information on this document was last updated on 2024-10-25

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