



c9196

71202™

Description

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

Clone type: Clone

Host: *Escherichia coli*

Storage Conditions

Product format: Freeze-dried

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): 36.792000000000002

Type of DNA: genomic

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: U11583

Nucleotides 1-44587 of the insert correspond to nucleotides 10483-55069 of U11583.

Genome: *Saccharomyces cerevisiae*

Chromosome: VIII

VIII L; VIII L, 44 cM from CEN

Gene name: intron processing factor; single-strand nucleic acid binding protein; ribosomal protein L7A-1; glycerol kinase; positive regulator of meiosis

Gene product: glycerol kinase [CBP2]

Gene symbol: CBP2; SSB1; RPL4A; MAK7; GUT1; RIM1

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 43.20000076293945

Intact vector size: 6.430

Vector name: pHCT9

Type of vector: cosmid

Construction: pBR322, Charon 4A

Host range: *Escherichia coli*

Vector information:

Cross references: DNA Seq. Acc.: L08873

Cloning sites: EcoRI; ClaI; BamHI; Sall; 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

Restriction digests of the clone give the following sizes (kb):

EcoRI/HindIII--14.0, 5.0, 4.0 (doublet), 2.15, 1.8 (doublet), 1.5, 1.25

(triplet), 1.15 (doublet), 1.1 (doublet), 0.95 (doublet), 0.9 (doublet), 0.7

(triplet), 0.6 (doublet), 0.5. Corresponds to nt 11143-47935 of the sequence of chromosome VIII. 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

Reported to contain EcoRI/HindIII fragments of the following sizes (kb): 4.952, 4.182, 4.166, 2.253, 1.848, 1.848, 1.512, 1.247, 1.247, 1.241, 1.163, 1.163, 1.100, 1.100, 0.948, 0.912, 0.912, 0.869, 0.729, 0.713, 0.700, 0.616, 0.574, 0.477. In an EcoRI/HindIII digest of the cosmid, the vector fragment is 13,365 kb.

- personal communication

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: c9196 (ATCC 71202)

References

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

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