c9315

71216™

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): 28.995000000000001
Type of DNA: genomic
Insert information:
DESCRIPTION OF INSERT COMPONENT:
Cross references: DNA Seq. Acc.: U10397
DNA Seq. Acc.: U10398
Genome: Saccharomyces cerevisiae
Chromosome: VIII
Gene name: uracil phosphoribosyltransferase; centractin; casein kinase 1 homolog; porulation-specific wall maturation protein; ribosomal protein L41
Gene product: uracil phosphoribosyltransferase [ACT5]
Gene symbol: FUR1; ACT5; YCK1; SPS100; RPL4B; MAK18
Contains complete coding sequence: Yes
Insert end: MboI

Vector Information

Construct size (kb): 35.40000152587891
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

Restriction digests of the clone give the following sizes (kb):
EcoRI/HindIII--6.6, 4.8, 4.3, 3.4, 2.9 (doublet), 2.6, 2.5 and smaller bands.
Corresponds to nt 357767-386762 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): 6.579 (vector), 4.723, 4.194, 3.339, 2.994, 2.871, 2.652, 2.478, 1.668, 1.465, 1.338, 1.334, 1.162 (vector), 0.998, 0.871, 0.788, 0.713, 0.475, 0.445, 0.407.
- 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: c9315 (ATCC 71216)

References

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

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