



pJK210

86957™

Description

Organism: *Schizosaccharomyces pombe* Lindner, fission yeast

Clone type: Vector

Shipping information: *Escherichia coli* containing the plasmid

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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): 1.76

Type of DNA: genomic

Target gene: dihydroorotase

Gene product: dihydroorotase [ura4]

Vector Information

Construct size (kb): 5.033999919891357

Vector name: pJK210 (plasmid)

Type of vector: plasmid

Construction: pJK142

Insert detection: lacZ'

Markers: ampR; ura4+

Promoters: lac

Replicon: pMB1

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--4.9; EcoRV--3.6, 1.3; HindIII--2.6, 1.7, 0.8. - ATCC staff

Constructed from pJK142 (ATCC 86955) by inserting the ura4 gene at the NdeI site. The ura4 gene contains the

following unique restriction sites: BsmI BsgI PflMI Bsu36I StuI BbsI AvrII. The order of the major features in the plasmid is: amp^R - pMB1 ori - 5' lacZ' -SacI/MCS/KpnI - 3' lacZ' - ura4.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pJK210 (ATCC 86957)

References

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

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