



lambdaPM-6235 [6235]

70700™

Description

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

Clone type: Clone

Shipping information: bacteria-free lysate

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

Type of DNA: genomic

Insert strain: AB972 (ATCC 76269)

Genome: *Saccharomyces cerevisiae*

Chromosome: IV

Gene name: glycogen synthase kinase-3-related

Gene product: glycogen synthase kinase-3-related [MRK1]

Gene symbol: MRK1

Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 0.0

Vector name: lambdaMG3

Type of vector: phage

Construction: L47.1

Host range: *Escherichia coli*

Vector end: BamHI

Cloning sites: BamHI

Enhancer: none

Promoters: none

Replicon: lambda

Terminator: none

Notes

Confirmed to contain EcoRI/HindIII fragments of the following sizes (kb): 0.45, 0.59, 0.64, 0.70, 0.77, 0.78, 0.82, 0.88, 0.90, 0.90, 1.1, 1.2, 1.4, 1.8, 1.8.

- ATCC staff

Reported to contain EcoRI/HindIII fragments of the following sizes (kb), ordered as in the genome: 1.798, 0.826, 2.116, 1.826, 2.335, 1.163, 0.704, 2.084, 0.899, 0.779, 0.905, 0.773, 0.450, 0.586, 1.134. Overlaps clones with ATCC number(s): 70751, 70996.

- personal communication

MRK1 occurs in a 3.9 kb EcoRI fragment, and in a 1.8 kb EcoRI/SpeI subfragment.

- Biochem. Biophys. Res. Commun. 208: 728-734, 1995

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: lambdaPM-6235 [6235] (ATCC 70700)

References

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

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