



yRM2003 [HTY275]

99419™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

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): 120

Type of DNA: genomic

Insert source: leukocyte

Insert tissue: leukocyte

Genome: Homo sapiens

Chromosome: 2

2 q37; 2 q37-qter

Gene name: DNA Segment, single copy; DNA Segment, repetitive (telomere)

Gene product: DNA Segment, repetitive (telomere) [D2Z4]

Gene symbol: D2S446; D2Z4

Contains complete coding sequence: Unknown

Insert end: EcoRI

Vector Information

Construct size (kb): 130.0

Intact vector size: 9.000

Vector name: pTYAC1

Type of vector: YAC

Host range: *Saccharomyces cerevisiae*; *Escherichia coli*

Vector end: EcoRI

Vector information:

other: telomere, Tetrahymena, <-

Centromere: CEN4

Cloning sites: EcoRI

Markers: ampR; URA3

Replicon: ARS1; pMB1

Restriction sites: EcoRI

Growth Conditions

Temperature: 30°C

Notes

Contains at least two CpG islands in the duplicated subtelomeric DNA approximately 100 kb from the telomere.

- Hum. Mol. Genet. 3: 1847-1853, 1994

This sequence is also available in the cosmid 2003 cosmid 1 (ATCC 99432).

- Hum. Mol. Genet. 3: 1847-1853, 1994

The insert of yRM2003 (ATCC 99419) is contained within the insert of yRM2112 (ATCC 99418).

- Hum. Mol. Genet. 3: 1847-1853, 1994

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: yRM2003 [HTY275] (ATCC 99419)

References

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

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