



yRM2123 [HTY3153]

99416™

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): 260

Type of DNA: genomic

Insert source: lymphoblastoid CGM-1 cell line

Insert tissue: lymphoblastoid CGM-1 cell line

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: U06152

DNA Seq. Acc.: U06154

DNA Seq. Acc.: U06155

Genome: Homo sapiens

Chromosome: 1

1 q44-qter

Target gene: DNA Segment, single copy, DNA Segment, repetitive (telomere)

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

Gene product: DNA Segment, repetitive (telomere) [D1Z9]

Gene symbol: D1Z9; D1S555

Contains complete coding sequence: Yes

Insert end: EcoRI

Vector Information

Construct size (kb): 270.0

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

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Cloning sites: EcoRI

Markers: ampR; URA3

Replicon: ARS1; pMB1

Restriction sites: EcoRI

Growth Conditions

Temperature: 30°C

Notes

Contains at least one CpG island. The sequence of this region is in accession U06154.

- Genomics 22: 569-578, 1994

yRM2123 shows some mitotic instability, so clones with the 270 kb YAC should be selected for additional manipulation.

- Genomics 22: 569-578, 1994

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: yRM2123 [HTY3153] (ATCC 99416)

References

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

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