



# yRM2029

99427™

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

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## Storage Conditions

**Product format:** Frozen

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## 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.

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## 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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Insert Information

**Insert size (kb):** 175

**Type of DNA:** genomic

**Insert source:** leukocytes

**Insert tissue:** leukocytes

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: U11830

Nucleotides 1-274 of the insert correspond to nucleotides 1-274 of U11830.

**Genome:** Homo sapiens

**Chromosome:** 21

21 q22.3; 21 q22.3-qter

**Gene name:** S100 calcium-binding protein, beta (neural); DNA Segment, single copy; DNA Segment, repetitive (telomere)

**Gene product:** DNA Segment, repetitive (telomere) [D21Z9]

**Gene symbol:** S100B; D21S1271; D21Z9

**Contains complete coding sequence:** Yes

**Insert end:** EcoRI

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## Vector Information

**Construct size (kb):** 185.0

**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

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## Growth Conditions

**Temperature:** 30°C

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## Notes

yRM2029 (ATCC 99427) and yRM2208 (ATCC 99428) contain subtelomeric DNA with a structure very similar to the 21q genomic terminus.

- Genomics 26: 31-38, 1995

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: yRM2029 (ATCC 99427)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

This information on this document was last updated on 2024-10-25

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