



yRM2029

99427™

Description

Organism: *Homo sapiens*, human

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): 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

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

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Markers: ampR; URA3

Replicon: ARS1; pMB1

Restriction sites: EcoRI

Growth Conditions

Temperature: 30°C

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

Material Citation

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

References

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

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