



yRM2006

99425™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Saccharomyces cerevisiae* AB1380 (ATCC 20843)

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.



Biosafety Level 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): 200

Type of DNA: genomic

Insert source: leukocyte

Insert tissue: leukocyte

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: Z27502

DNA Seq. Acc.: Z27503

DNA Seq. Acc.: Z27504

DNA Seq. Acc.: Z27505

DNA Seq. Acc.: Z27506

DNA Seq. Acc.: Z27507

DNA Seq. Acc.: Z27508

DNA Seq. Acc.: Z27509

DNA Seq. Acc.: Z27510

DNA Seq. Acc.: Z29986

Genome: Homo sapiens

Chromosome: 14

14 q32.33; 14 q32.3; 14 q32.3-qter

Gene name: immunoglobulin heavy polypeptide, variable region (cluster); DNA Segment, single copy; DNA Segment, repetitive (telomere)

Gene product: immunoglobulin heavy-chain variable region [IGHV@]

Gene symbol: IGHV@; D14S308

Contains complete coding sequence: No

Insert end: EcoRI

Vector Information

Construct size (kb): 210.0

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 sequences encoding V(H)2-1, 4-4, and 5-1.

- Nat. Genet. 7: 162-168, 1994

Most of the insert sequence is also available in cosmid clones: ylgH6c1-5, 9-10, 14, 18, and 19 (ATCC 99450, 99452, 99454, 99456, 99472, 99458, 99460, 99462, 99464, 99466, respectively).

- Nat. Genet. 7: 162-168, 1994

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: yRM2006 (ATCC 99425)

References

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

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