



# yRM2006

99425™

## 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):** 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

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## Vector Information

**Construct size (kb):** 210.0

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**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

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

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## Material Citation

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

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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 2021-05-19

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## Contact Information

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