



# yIgH6c10

99460™

## Description

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

**Clone type:** Clone

**Host:** *Escherichia coli* AG1

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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):** 40

**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.: Z30083

**Genome:** Homo sapiens

**Chromosome:** 14

14 q32.3; 14 q32.33

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

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

**Gene symbol:** D14S308; IGHV@

**Contains complete coding sequence:** Unknown

**Insert end:** Sau3AI

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### Vector Information

**Construct size (kb):** 48.0

**Intact vector size:** 7.600

**Vector name:** SuperCos 1

**Type of vector:** cosmid

**Host range:** vertebrate cells

**Vector end:** BamHI

**Cloning sites:** BamHI

**Markers:** neoR; G418R; ampR

**Polylinker sites:** EcoRI; NotI; BamHI; NotI; EcoRI

**Promoters:** T3; T7

**Replicon:** pMB1; SV40

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## Growth Conditions

**Medium:**

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

**Temperature:** 30°C

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## Notes

IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

Subcloned from yRM2006 (ATCC 99425). One of a set of 2 cosmid contigs ordered, from the telomeric side, ylgH6c10, 2, 4, 9, 5, 14, 3, 19, 1, and 18. The gap is between 9 and 5.

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

These cosmids have been assigned ATCC numbers 99460, 99452, 99456, 99458, 99472, 99462, 99454, 99466, 99450, and 99464, respectively.

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

Contains the 8.5 kb EcoRI fragment encoding V(H) 5-1.

- 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: ylgH6c10 (ATCC 99460)

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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

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## Contact Information

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