



yIgH6c2

99452™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* AG1

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): 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.: Z27510

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

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

Growth Conditions

Medium:

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

Temperature: 30°C

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: ylgH6c2 (ATCC 99452)

References

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

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