



Product Sheet

## yOX51 (ATCC® 79532™)

### *Homo sapiens*

#### Please read this FIRST



Biosafety Level

1

#### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

#### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Homo sapiens* (ATCC® 79532™)

#### Shipping Information

Distributed: frozen

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

#### Description

Designation: yOX51

#### Notes

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

#### Distributed In

Distribution host: *Saccharomyces cerevisiae* AB1380

#### Insert Information

DNA: genomic

DESCRIPTION OF INSERT COMPONENT:

Genome: *Homo sapiens*

Gene symbol: DYS\*q

Genomic copy number: unique

Gene name: DNA Segment, single copy

Contains complete coding sequence?: U

Chromosome: Y; Localization: Y q

Tissue: lymphoblastoid OXEN cell line, XYYYY

Type of DNA: genomic

Insert end: EcoRI

Insert end: EcoRI

Insert size (kb):

Cross references:

Tissue: lymphoblastoid OXEN cell line, XYYYY

Gene product: DNA Segment, single copy [DYS\*q]

#### Vector Information

Construct size (kb): 0.0

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pYAC4

Intact vector size: 11.454

Type of vector: YAC

Vector end: EcoRI

Vector end: EcoRI

Cloning sites: EcoRI

Polylinker sites:

Host range: *Saccharomyces cerevisiae*; *Escherichia coli*

Features (with orientation and position when available):

marker(s): SUP4, 386-661

marker(s): URA3, -, 1950-2753

other: telomere, 3548-4235

marker(s): HIS3, <-, 4881-5540

other: telomere, 6012-6699

replicon: pMB1, 7186-7186

marker(s): ampR, <-, 7944-8804

marker(s): TRP1, >-, 9117-9791

replicon: ARS1, 9632-10376

centromere: CEN4, 10476-11453

Cross references: DNA Seq. Acc.: U01086

#### Propagation

##### Growth Conditions

**Temperature:** 30.0°C

##### Medium

ATCC® Medium 1798: aAHC medium for YAC clones



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**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

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**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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