



Product Sheet

**yWXD4243 (ATCC® 91401™)**

***Homo sapiens***

Please read this **FIRST**



#### 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® 91401™)

#### Shipping Information

Distributed: uncharacterized, slant

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: yWXD4243

#### 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: DXS2745  
Gene name: DNA Segment, single copy  
Contains complete coding sequence?: U  
Chromosome: X; Localization: X pter-q27.3  
Type of DNA: genomic  
Insert end: EcoRI  
Insert end: EcoRI  
Insert size (kb):  
Cross references:  
Gene product: DNA Segment, single copy [DXS2745]

#### Vector Information

Construct size (kb): 285.0  
DESCRIPTION OF VECTOR COMPONENT:  
Name of vector: pYAC4  
Intact vector size: 11.454  
Type of vector: YAC  
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 1245: YEPD

#### References

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

#### Biosafety Level: 1



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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.

### ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

### Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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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