



Product Sheet

Y-223a (ATCC® 61170™)

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® 61170™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: Y-223a

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--5.2; HindIII--4.4, 0.76; NotI--uncut; EcoRI--5.2; PstI--5.2.

- ATCC staff

Y-223a maps closer to the centromere than Y-280.

- Development 101: 51-58, 1987 (supplement)

Y-223a hybridizes to DNA in 9/16 46,XX males and a female with a dicentric Y chromosome.

- Development 101: 51-58, 1987 (supplement)

Distributed In

Escherichia coli strain HB101

Insert Information

DNA: genomic

Insert lengths(kb): 0.75

Genome: *Homo sapiens*

Gene symbol: DYZ5

Genomic copy number: repetitive

Gene name: DNA Segment, repetitive

Contains complete coding sequence?: U

Chromosome: Y; Localization: Y p

Tissue: 49,XXXXY cell line

Type of DNA: genomic

Insert end: HindIII

Insert end: HindIII

Vector Information

Construct size (kb): 5.20

Name of vector: pBR322

Intact vector size: 4.363

Type of vector: plasmid

Vector end: HindIII

Vector end: HindIII

Cloning sites: EcoRI ClaI HindIII EcoRV BamHI SphI SalI XmaIII NruI BspMI BsmI StyI Aval Ball BspMII PvuII Tth1111 NdeI AflIII PpaI PstI PvuI Scal SspI AatII

Polylinker sites:

Construction: pBR313

Host range: *Escherichia coli*

Features (with orientation and position when available):

marker(s): tetR

replicon: pMB1

marker(s): ampR

Cross references: DNA Seq. Acc.: J01749

Propagation

Growth Conditions

Temperature: 37°C

Medium

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

References

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

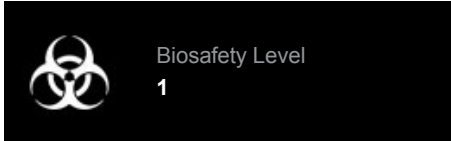


Product Sheet

Y-223a (ATCC® 61170™)

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® 61170™)

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.

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.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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

Additional information on this culture is available on the ATCC web site at www.atcc.org.

© ATCC 2017. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [10/18]

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor