



# Y-223a

61170™

## Description

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

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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## Storage Conditions

**Product format:** Freeze-dried

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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

**Y-223a**

61170

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):** 0.75**Type of DNA:** genomic**Insert source:** 49,XXXXY cell line**Insert tissue:** 49,XXXXY cell line**Insert information:****Genomic copy number:** repetitive**Genome:** *Homo sapiens***Chromosome:** Y

Y p

**Gene name:** DNA Segment, repetitive**Gene symbol:** DYZ5**Contains complete coding sequence:** Unknown**Insert end:** HindIII**Vector Information****Construct size (kb):** 5.20**Intact vector size:** 4.363**Vector name:** pBR322**Type of vector:** plasmid**Construction:** pBR313**Vector end:** HindIII**Vector information:** Cross references: DNA Seq. Acc.: J01749**Cloning sites:** EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; Sall; XmaIII; NruI; BspMI; BsmI; StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII**Markers:** ampR; tetR**Replicon:** pMB1**Growth Conditions**

## Y-223a

61170

**Medium:**

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

**Temperature:** 37°C

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### 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)

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Y-223a (ATCC 61170)

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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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### Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30

**Y-223a**

61170

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**Y-223a**

61170

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**Contact Information**

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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