



Product Sheet

yWXD255 (ATCC® 79588™)

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® 79588™)

Shipping Information

Distributed: frozen

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: yWXD255

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: cDNA

DESCRIPTION OF INSERT COMPONENT:

Genome: *Homo sapiens*

Gene symbol: DXS809

Genomic copy number: unique

Gene name: DNA Segment, single copy

Contains complete coding sequence?: U

Chromosome: X; Localization: X q26

Genome: *Homo sapiens*

Gene symbol: F9

Genomic copy number: unique

Gene name: coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B)

Contains complete coding sequence?: U

Chromosome: X; Localization: X q26.3-q27.1

Tissue: DNA from human/hamster cell line X3000.11

Type of DNA: genomic

Insert end: TaqI

Insert end: TaqI

Insert size (kb): 350.0

Cross references:

Insert lengths(kb): 350.0

Tissue: DNA from human/hamster cell line X3000.11

Gene product: coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B) [F9]

Alleles: A1, A2, D2, C1, D1, C2

Vector Information

Construct size (kb): 350.0

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pYAC-RC

Intact vector size: 11.700

Type of vector: YAC

Vector end: ClaI

Vector end: ClaI

Cloning sites: NotI SacII Sall mLuI ClaI SnaBI SmaI

Polylinker sites: NotI SacII Sall mLuI ClaI SnaBI SmaI

Construction: pYAC3, polylinker

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

Features (with orientation and position when available):

centromere: CEN4

marker(s): ampR, HIS3, SUP4, TRP1, URA3

promoter: none

replicon: pMB1, ARS1

Cross references:

Propagation

Growth Conditions

Temperature: 30.0°C



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Medium

ATCC® Medium 1798: aAHC medium for YAC clones



References

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



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

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Disclaimers

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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

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

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