



Product Sheet

(40700)

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.

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U.S. Patent Number:

5,149,628

Technical Information

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Product Description

Organism: *Homo sapiens*
, human

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submerged in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C , preferably in liquid nitrogen vapor, until ready for use.

Comments

Restriction digests of the clone give the following sizes (kb): Sall--20.0, 14.0, 9.0; EcoRI--26.0, 12.0, 3.8; HindIII--22.0, 14.5, 4.5, 2.5; SacI--21.0, 13.0, 4.6, 2.7, 1.1, 0.65; SmaI--19.5, 10.5, 6.0, 2.8, 2.4, 1.6, 0.8, 0.45. The insert contains the following restriction sites (approximate kb from the 5' end): SacI--2.9, 7.9, 10.6, 11.6, 12.2; HindIII--9.3, 11.5; EcoRI--3.4, 7.9.

The 5.0 SacI fragment includes the breakpoint region in t(18,17) rearrangements involving c-myc.

One of two overlapping clones from a normal chromosome 17. It includes the breakpoint region of some t(8;17) translocations.

LambdaHP4-4 extends farther upstream in the 5' flanking region and overlaps lambdaHP2-4 by about 9.3 kb. These clones share a 5.0 kb SacI fragment and a 4.5 kb EcoRI fragment that contain the promoter region and some expressed sequence.

The 5.0 kb fragment detects a 1.7 kb transcript in human hematopoietic cells.

Propagation

References

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

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