



Product Sheet

pK931 (ATCC® 79963™)

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® 79963™)

Shipping Information

Distributed: DNA (dried). Rehydrate with TE. (amount: 200 ng)

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: pK931

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--14.0; EcoRI--6.2 (doublet), 1.45; HindIII--5.0, 4.4 (doublet); PstI--7.2, 1.9 (doublet), 1.8, 1.05; PvuII--4.0 (doublet), 3.9, 2.0, 0.26.

- ATCC staff

The insert contains part of the intron between exon 1b and exon 1a.

- personal communication

Insert Information

DNA: genomic

DESCRIPTION OF INSERT COMPONENT:

Genome: *Homo sapiens*

Gene symbol: ABL1

Other gene symbols: ABL

Genomic copy number: unique

Gene name: Abelson murine leukemia viral (v-abl) oncogene homolog 1

Contains complete coding sequence?: U

Chromosome: 9; Localization: 9 q34.1

Tissue: chronic myelogenous leukemia K-562 cell line

Type of DNA: genomic

Insert end: Mbol

Insert end: Mbol

Insert size (kb): 9.333

Cross references: DNA Seq. Acc.: U07563

Nucleotides 1-9333 of the insert correspond to nucleotides 8655-17987 of U07563.

Insert lengths(kb): 9.333000183105469

Tissue: chronic myelogenous leukemia K-562 cell line

Gene product: Abelson murine leukemia viral (v-abl) oncogene homolog 1 [ABL]

Alleles: D1, D2, D1, D2, A1, A2, B2, C1, C2, A1, A2, B1, B2, C1, C2, B1

Vector Information

Construct size (kb): 14.19999980926514

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pBR328

Intact vector size: 4.900

Type of vector: plasmid

Vector end: BamHI

Vector end: BamHI

Cloning sites: AatII AsuII Aval ClaI HgiEII HindIII Tth111I BamHI EcoRI

EcoRV Ball NcoI NruI PstI PvuI PvuII Sall SphI XmaII

Polylinker sites:

Construction: pBR327 ori, pBR325 cmL

Host range: *Escherichia coli*

Features (with orientation and position when available):

marker(s): ampR, cmLR, tetR

promoter: none

replicon: pMB1

terminator: none

Cross references: DNA Seq. Acc.: L08858

References

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



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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.

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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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