



Product Sheet

HTLV-II, deltaH6H11, in pBR322, purified plasmid DNA (ATCC® 45134D™)

human T-cell leukemia virus II

Please read this FIRST



Storage Temp.
Store unopened frozen vial at 4°C or lower.



Biosafety Level
2

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: *human T-cell leukemia virus II* (ATCC® 45134D™)

Shipping Information

200 ng dried plasmid DNA

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

Full length clone of Human T-cell leukemia virus II.

Constructed by inserting the HindIII fragment from lambdaH6 into the HindIII site of pBR322 that had been modified by an EcoRV-MscI deletion of approximately 1.25 kb.

The full-length plasmid is unstable in bacterial hosts, and is distributed as purified plasmid DNA. The insert contains the following restriction sites (approximate kb from 5' end): EcoRI--0.1, 0.8, 4.7, 9.0; KpnI--1.7, 3.4; NheI--1.0, 6.65; SacI--0.5, 4.0, 8.7; XbaI--3.6; BamHI--0.3, 5.0, 8.4.

- personal communication

The viral portion of the insert is 8.8 kb. The insert also includes cellular sequences derived from Mo (T cell leukemia) cells.

- Nature 305: 502-505, 1983

Size of Construct (kb): 13.2

Designation: HTLV-II, deltaH6H11, in pBR322, purified plasmid DNA

Insert Information

Genome: human T-cell leukemia virus II

Contains complete coding sequence?: Y

Type of DNA: genomic

Insert ends: HindIII

Insert size (kb): 10.1

DNA Seq. Acc.: M10060

Vector Information

Vector name: pBR322

Intact vector size (in kb): 4.363

Type of vector: plasmid

Vector ends: HindIII

Features :

marker(s): tetR, ampR

replicon: pMB1

DNA Seq. Acc.: J01749

Propagation

Plasmid can be rehydrated with water or TE buffer. Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols. Transformed bacteria can be grown on LB + 50 µg/mL of ampicillin agar. Incubate cultures at 30°C. Isolate DNA using standard plasmid preparation procedures.

References

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

Biosafety Level: 2

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.



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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.

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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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