



Product Sheet

hARb [CL7b-AR 160-911] (ATCC® 80006™)

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® 80006™)

Shipping Information

Distributed: freeze-dried

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: hARb [CL7b-AR 160-911]

Notes

Restriction digests of the clone give the following sizes (kb): BamHI--9.0; EcoRI--6.5, 1.8, 0.58; HindIII--9.0; KpnI--6.5, 2.0, PstI--4.5, 2.1(doublet), 0.31. Restriction digests of the clone give the following sizes (kb): BamHI--9.0; EcoRI--6.5, 1.8, 0.58; HindIII--9.0; KpnI--6.5, 2.0; PstI--4.5, 2.1 (doublet), 0.31.
- ATCC staff

Encodes aa 160-911 of the mutant form: K816I, D819F, E820F and Leu insertion at aa 821.
- Mol. Endocrinol. 4: 417-427, 1990

Digestion with EcoRI yields two fragments of 2.0 and 0.5 kb.
- Mol. Endocrinol. 4: 417-427, 1990

The insert contains the following restriction sites (approximate kb from the 5' end): BglI--0.2, 0.4, 0.7, 0.75; EcoRI--1.9; HindIII--1.2; KpnI--1.0; NcoI--0.3, 1.75; PstI--0.5; PvuII--2.0; PvuII--0.05, 0.6; SacI--0.5, 1.2.
- Mol. Endocrinol. 4: 417-427, 1990

Cross hybridizes with a 6.8 kb rat liver mRNA.
- Nucleic Acids Res. 13: 8293-8304, 1985

pKCR-2 is an expression vector containing SV40 early and late promoters and beta-globin splicing and polyadenylation signals.
- Nucleic Acids Res. 11: 7119-7136, 1983

More information may be available from ATCC (<http://www.atcc.org> or 703-365-2620).

Distributed In

Distribution host: *Escherichia coli* HB101 (ATCC 33694)

Insert Information

DNA: cDNA
DESCRIPTION OF INSERT COMPONENT:
Genome: *Homo sapiens*
Gene symbol: AR
Other gene symbols: DHTR
Genomic copy number: unique
Gene name: androgen receptor (dihydrotestosterone receptor; testicular feminization)
Contains complete coding sequence?: U
Chromosome: X; Localization: X q11.2-q12
Tissue: testis
Type of DNA: cDNA
Insert end:
Insert end:
Insert size (kb): 2.8
Cross references: DNA Seq. Acc.: M73069
Insert lengths(kb): 2.799999952316284
Tissue: testis
Gene product: androgen receptor (dihydrotestosterone receptor; testicular feminization) [AR]
Target Gene: androgen receptor (dihydrotestosterone receptor; testicular feminization)

Vector Information

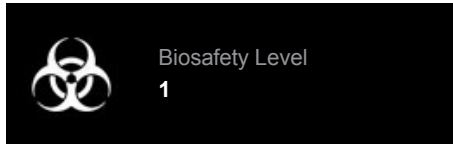


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Construct size (kb): 8.5

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pKCR-2

Intact vector size: 5.700

Type of vector: plasmid

Vector end: EcoRI Modification: blunt ended

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Cloning sites: BamHI, EcoRI

Polylinker sites:

Host range: vertebrate cells; *Escherichia coli*

Features (with orientation and position when available):

marker(s): ampR

promoter: SV40

replicon: pMB1

Cross references:



Propagation

Growth Conditions

Temperature: 37.0°C

Medium

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



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

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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