



Product Sheet

## hARb [CL7b-AR 160-911] (ATCC® 80007™)

### *Homo sapiens*

#### Please read this FIRST



Biosafety Level  
1

#### 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® 80007™)

#### 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](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto: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; PvuI--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

#### 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

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  
Vector end: EcoRI Modification: blunt ended

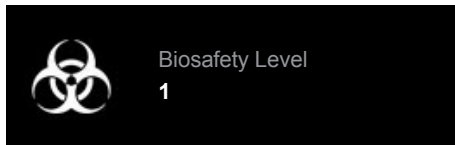


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Cloning sites: BamHI, EcoRI  
Polylinker sites:  
Host range: vertebrate cells; *Escherichia coli*  
Features (with orientation and position when available):  
marker(s): ampR  
promoter: SV40  
replicon: pMB1  
Cross references:

#### References

References and other information relating to this product are available online at [www.atcc.org](http://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

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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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