



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; 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

#### 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  
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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

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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](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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