

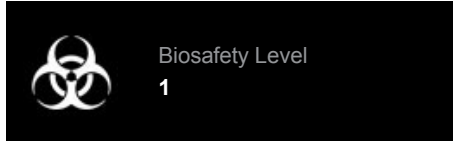


Product Sheet

## AR1 (ATCC® 77428™)

### *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® 77428™)

#### Shipping Information

Distributed: Frozen

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: AR1

#### Notes

Titer determined on E. coli LE392.  
- ATCC staff

cDNA synthesis was primed by oligo-dT, and a synthetic oligonucleotide (5'GCTTGAATTCAAGC 3') was added for directional cloning.  
- Cytogenet. Cell Genet. 64: 292-294, 1993

#### Vector Information

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: Charon BS(-)  
Intact vector size: 43.100  
Type of vector: phage  
Vector end: EcoRI  
Vector end: HindIII  
Cloning sites: EcoRI HindIII  
Polylinker sites: NotI BamHI EcoRI EcoRV HindIII Sall XhoI  
Cloning capacity: 8.9 kb  
Construction: Charon 15, pBluescript KS M13(-)  
Host range: Escherichia coli  
Features (with orientation and position when available):  
insert detection: lacZ', <-  
other: left arm, ->, 1-21225  
other: pBluescript KS -, ->, 21226-24184  
MCS: NotI...KpnI, ->, 21226-21315  
promoter for in vitro transcription: T3, <-, 21327-21346  
promoter: lac, <-, 21416-21444  
replicon: pMB1, 21771-21771  
marker(s): ampR, <-, 22529-23389  
replicon: f1, ->, 23520-23976  
promoter for in vitro transcription: T7, ->, 24140-24159  
MCS: SacI...NotI, ->, 24172-24184  
other: right arm, ->, 24185-43100  
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.

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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



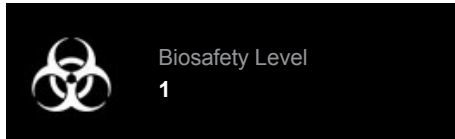
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***Homo sapiens***

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**Shipping Information**

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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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