

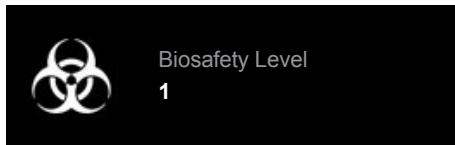


Product Sheet

# pCMV5YFQ1917 (ATCC® 79908™)

## *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® 79908™)

### Shipping Information

Distributed: freeze-dried

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: pCMV5YFQ1917

### Notes

Restriction digests of the clone give the following sizes (kb): BamHI--4.7, 1.4; EcoRI/BstEII--5.8, 0.3; PstI--4.7, 0.65, 0.35 (doublet); SacI--5.0, 0.7, 0.4; PvuII--2.5, 1.4, 1.3, 0.6, 0.25.  
- ATCC staff

Bacteria may grow slowly due to high plasmid copy number. Encodes the following mutant form: A1Y, L8F, R9V, P10Q, K32E, D33N, A34T, K38T, L39E. Digestion with EcoRI+BstEII produces fragments of 5.75 and 0.35 kb.  
- personal communication

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

### Distributed In

Distribution host: *Escherichia coli* HB101

### Insert Information

DNA: cDNA  
DESCRIPTION OF INSERT COMPONENT:  
Genome: Homo sapiens  
Gene symbol: F7  
Genomic copy number: unique  
Gene name: coagulation factor VII (serum prothrombin conversion accelerator)  
Contains complete coding sequence?: U  
Chromosome: 13; Localization: 13 q34  
Type of DNA: cDNA  
Insert end: BamHI  
Insert end: BamHI  
Insert size (kb): 1.4  
Cross references: DNA Seq. Acc.: J02933  
Insert lengths(kb): 1.399999976158142  
Gene product: coagulation factor VII (serum prothrombin conversion accelerator) [F7]  
Target Gene: coagulation factor VII (serum prothrombin conversion accelerator)

### Vector Information

Construct size (kb): 6.099999904632568  
DESCRIPTION OF VECTOR COMPONENT:  
Name of vector: pCMV5  
Intact vector size: 4.700  
Type of vector: phagemid  
Vector end: BamHI  
Vector end: BamHI  
Cloning sites: EcoRI BamHI HindIII  
Polylinker sites:  
Host range: mammalian cells; *Escherichia coli*  
Features (with orientation and position when available):  
promoter: CMV, ->  
terminator: hGH, ->  
replicon: SV40  
replicon: pMB1  
marker(s): ampR, <-  
replicon: f1, <-  
Cross references:

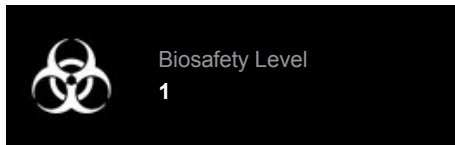


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## Propagation

### 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](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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