




## Product Sheet

# pWR3.26 [molecular clone of rhinovirus 14] purified plasmid DNA (ATCC® VRMC-7™)


## Human rhinovirus 14

### Please read this FIRST



Storage Temp.  
**4°C or colder**

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Biosafety Level  
**2**

### 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: *Human rhinovirus 14* (ATCC® VRMC-7™)

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

**Name:** pWR3.26  
**Size (kb):** 9.847 kb  
**Original source:** sample of HRV14 strain 1059 donated by V.V. Hamparian  
**Designation:** pWR3.26 [molecular clone of rhinovirus 14] purified plasmid DNA

### Notes

This construct contains a 42 bp poly(A) tail.

### Distributed In

*E. coli*

### Insert Information

**Insert description (full-length, etc.):** full-length HRV 14cDNA and T7 promoter  
**Insert size (kb):** 7.212 kb  
**Full/partial sequence available (ie. GenBank #):** L05355 (viral sequence)  
**Markers (genes and/or restriction sites):**  
**HindIII** - 3 sites; Fragment lengths: 5338, 2362, 2147  
**MluI** - 1 site; Fragment length: 9847

### Vector Information

**Type of vector:** *E. coli*  
**Name of vector:** pUC-19  
**Intact vector size (kb):** unknown at this time  
**Markers (ie. AMP<sup>R</sup>):** AMP<sup>R</sup>  
**Cloning site:** The HRV14 cDNA was transplanted into the vector at the *StuI* site, then additional modifications were made to the viral sequence by site-directed mutagenesis. (See reference article)

### Propagation

Rehydrate plasmid with water or TE buffer. Plasmid can be transformed into a suitable *Escherichia coli* host using standard protocols and then grown on LB + 50 mg/mL of ampicillin agar. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

### References

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

### Biosafety Level: 2

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. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product



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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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