




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



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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^R): AMP^R

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.

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

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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