



# pWR3.26 [molecular clone of rhinovirus 14] purified plasmid DNA

VRMC-7™

## Description

**Name:** pWR3.26

**Size (kb):** 9.847 kb

**Original source:** sample of HRV14 strain 1059 donated by V.V. Hamparian

**Organism:** Human rhinovirus 14

**Clone type:** Clone

**Host:** *Escherichia coli*

**Deposited As:** Human rhinovirus type 14

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 2

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understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Insert Information

### Insert information:

**Markers (genes and/or restriction sites):** HindIII - 3 sites; Fragment lengths: 5338, 2362, 2147

**MluI**- 1 site; Fragment length: 9847

**Insert description (full-length, etc.):** full-length HRV 14cDNA and T7 promoter

**Full/partial sequence available (ie. GenBank #):** L05355 (viral sequence)

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## Vector Information

**Vector name:** pUC19

**Type of vector:** *E. coli*

**Cloning sites:** The HRV14 cDNA was transplanted into the vector at the *Stu*I site, then additional modifications were made to the viral sequence by site-directed mutagenesis.

**Markers:** ampR

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## Handling Procedures

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

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mg/mL of ampicillin agar. Incubate cultures at 37°C. Isolate DNA using standard plasmid preparation procedures.

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### Notes

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

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pWR3.26 [molecular clone of rhinovirus 14] purified plasmid DNA (ATCC VRMC-7)

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### References

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

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## **Revision**

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