



Product Sheet

pRSVADH (ATCC® 77131™)

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: pRSVADH (ATCC® 77131™)

Shipping Information

Distributed: freeze-dried

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

Designation: pRSVADH
Distribution Host:
Distribution host: *Escherichia coli* DH5alpha

Propagation

Growth Conditions
Temperature: 37.0°C
Medium
ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Vector Information

Size (kb): 6.9000000953674320
DESCRIPTION OF VECTOR COMPONENT:
Name of vector: pRc/RSV
Intact vector size: 5.100
Type of vector: phagemid
Vector end: HindIII
Vector end: XbaI
Cloning sites: HindIII SpeI BstXI NotI XbaI
Polylinker sites: HindIII KpnI SacI BamHI SpeI XmaIII BstXI EcoRI PstI EcoRV
BstXI NotI XhoI SphI NsiI XbaI
Construction: pUC19, RSV, bovine growth hormone
Host range: vertebrate cells; *Escherichia coli*
Features (with orientation and position when available):
marker(s): ampR, neoR, G418R
promoter: RSV LTR
replicon: pMB1, M13
terminator: bGH polyadenylation
Cross references:
Vector: pRSVADH (phagemid)
Promoters: Promoter RSV LTR
Construction: pRc/RSV, pWX0008
Marker(s): G418R, ampR, neoR
Construct size (kb): 6.900000095367432
Features: marker(s): ampR, neoR, G418R
promoter: RSV LTR
replicon: pMB1, M13
terminator: bGH polyadenylation
enhancer: RSV LTR

References

References and other information relating to this product are available online at www.atcc.org.

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--4.3, 2.6;
HindIII--6.9; BglII--6.9; KpnI--6.9; XbaI--6.9; HindIII/XbaI--5.1, 1.8.
- ATCC staff

Transient expression experiments should be performed to examine the RSV promoter efficiency in different cell lines. The RSV promoter can be replaced by excising with a BglII/HindIII digest.
- personal communication

Shuttle reporter plasmid permitting visual detection of activity by histochemical staining.
- BioTechniques 11: 344-351, 1991



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Presence of alcohol dehydrogenase activity is used to follow cell lineage in culture or in situ.

- BioTechniques 11: 344-351, 1991

pRSVlacZII (ATCC 77129), pRSVPAP (ATCC 77130) and pRSVADH (ATCC 77131) provide distinct color-staining reactions (aqua blue, red, and blue-black respectively) to permit simultaneous analysis of multiple lineages.

- BioTechniques 11: 344-351, 1991

The order of the major features in pRc/RSV is: RSV LTR - MCS - bovine growth hormone polyadenylation signal - M13 ori - SV40 early promoter - neoR - SV40 polyadenylation signal - pMB1 ori - bla.

- BioTechniques 11: 344-351, 1991

Constructed by cloning the HindIII/XbaI fragment from pWX0008 into pRc/RSV.

- BioTechniques 11: 344-351, 1991



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

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