



Product Sheet

Y471 [534] (ATCC® 701199™)

Rattus norvegicus

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: *Rattus norvegicus* (ATCC® 701199™)

Shipping Information

Distributed: slant

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: Y471 [534]

Distributed In

Distribution host: *Escherichia coli* XL1-Blue

Insert Information

DNA: cDNA

DESCRIPTION OF INSERT COMPONENT:

Genome: rat

Gene name: DNA Segment, expressed

Contains complete coding sequence?: U

Strain: Sprague-Dawley

Tissue: incisor, maxillary and mandibular (apical portion and entire pulp) from animals 3-4 weeks old

Type of DNA: cDNA

Insert 5' end: EcoRI Modification: EcoRI adaptor

Insert 3' end: XhoI Modification: XhoI primer

Insert size (kb):

Cross references: DNA Seq. Acc.: R47058

Tissue: incisor, maxillary and mandibular (apical portion and entire pulp) from animals 3-4 weeks old

Gene product: DNA Segment, expressed

Vector Information

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pBluescript SK-

Intact vector size: 2.960

Type of vector: phagemid

Vector end: EcoRI

Vector end: XhoI

Cloning sites: KpnI Apal DralI XhoI (Sall HincII Accl) ClaI HindIII EcoRV

EcoRI PstI SmaI BamHI SpeI XbaI EagI NotI SacII BstXI SacI

Polylinker sites: SacI BstXI SacII NotI EagI XbaI SpeI BamHI SmaI PstI EcoRI

EcoRV HindIII (ClaI Bsp106I) (HincII Accl Sall) XhoI

(Eco0109I DralI Apal) KpnI

Construction: pUC19

Host range: *Escherichia coli*

Features (with orientation and position when available):

replicon: f1, ->

insert detection: lacZ', <-

primer site: M13-20, ->

promoter: T7, ->

MCS: KpnI...SacI, ->

promoter: T3, <-

promoter: lac, <-

primer site: M13 reverse, <-

replicon: pMB1

marker(s): ampR, <-

Cross references:

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.

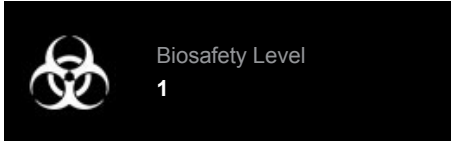


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Biosafety Level: 1

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

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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

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

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