

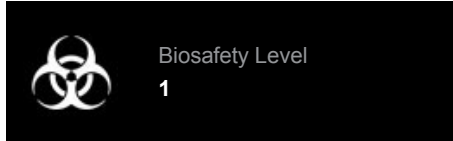


Product Sheet

**Y533 [577] (ATCC® 701217™)**

## 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® 701217™)

### Shipping Information

Distributed: slant

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

Designation: Y533 [577]

### 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.: R47077

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](http://www.atcc.org).

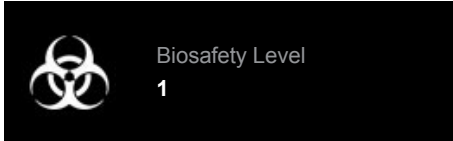


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### Biosafety Level: 1

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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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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