



Product Sheet

**Y635 [678] (ATCC® 701248™)**

## 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® 701248™)

### 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:** Y635 [678]

### 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.: R47114

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).

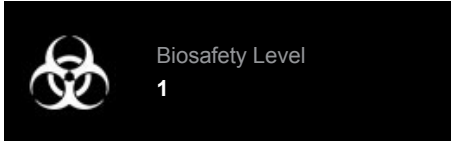


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### Biosafety Level: 1

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

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

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

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

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