

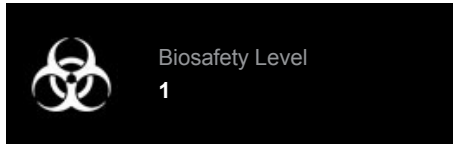


Product Sheet

pBTGFbeta1 [bTGF-beta1 cIA] (ATCC® 77321™)

Bos taurus

Please read this FIRST



Biosafety Level
1

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: *Bos taurus* (ATCC® 77321™)

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: pBTGFbeta1 [bTGF-beta1 cIA]

Notes

Restriction digests of the clone give the following sizes (kb): XhoI--2.9, 1.5; KpnI--4.4; BamHI--3.1, 1.4.
- ATCC staff

Corresponds to nt 1-1117 of the published sequence.
- Mol. Endocrinol. 1: 693-698, 1987

A partial cDNA clone that lacks the 5' untranslated region and the first 223 nt of the precursor coding sequence but encodes the complete mature protein.
- Mol. Endocrinol. 1: 693-698, 1987

Insert contains the following restriction sites (approximate kb from the 5' end): Ball--0.57; KpnI--0.72; SmaI--0.82; PvuII--0.94.
- Mol. Endocrinol. 1: 693-698, 1987

Distributed In

Distribution host: *Escherichia coli* HB101 (ATCC 33694)

Insert Information

DNA: cDNA
DESCRIPTION OF INSERT COMPONENT:
Genome: *Bos taurus*
Gene symbol: TGFB1
Gene name: transforming growth factor, beta 1
Contains complete coding sequence?: U
Tissue: fibropapilloma
Type of DNA: cDNA
Insert 5' end: Modification: GC
Insert 3' end: Modification: AT
Insert size (kb): 1.1
Cross references: DNA Seq. Acc.: M36271
Insert lengths(kb): 1.10000023841858
Tissue: fibropapilloma
Gene product: transforming growth factor, beta 1 [TGFB1]

Vector Information

Construct size (kb): 4.400000095367432
DESCRIPTION OF VECTOR COMPONENT:
Name of vector: pcDV1
Intact vector size: 3.000
Type of vector: plasmid
Cloning sites: Sall ClaI HindIII EcoRI KpnI
Polylinker sites:
Construction: pBR322, SV40
Host range: vertebrate cells; *Escherichia coli*
Features (with orientation and position when available):
enhancer: none
marker(s): ampR
promoter: none
replicon: pMB1
terminator: SV40 late
Cross references:

Propagation

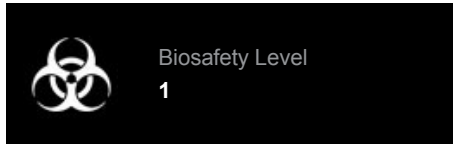


Product Sheet

pBTGFbeta1 [bTGF-beta1 cIA] (ATCC® 77321™)

Bos taurus

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: *Bos taurus* (ATCC® 77321™)

Shipping Information

Distributed: freeze-dried

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.



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.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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.

© ATCC 2013. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [02/05]

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